

MAPS ALBERTA

Catalogue 1989-90

1989
Edmonton



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**MAPS ALBERTA
Forestry, Lands and Wildlife
Land Information Services Division
2nd floor, North Petroleum Plaza
9945 - 108 Street
Edmonton, Alberta, Canada
T5K 2G6**

**Telephone: (403) 427-3520
Fax: (403) 422-9683**

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Introduction

About MAPS ALBERTA

MAPS ALBERTA is the central marketing agent for government maps in the province of Alberta, and offers a wide variety of products to both government and the general public on a cost-recovery basis. In addition to maps produced by the Departments of Forestry, Lands and Wildlife, Environment and Municipal Affairs, MAPS ALBERTA also stocks a variety of federally produced maps. Any federally produced map not listed in the catalogue may be ordered through the Edmonton office.

MAPS ALBERTA also makes available aerial photographs that have been flown for the Alberta government. The provincial collection of aerial photographs comprises over 900 000 frames dating back to 1949. The entire province has been photographed at least once, with most areas having been covered several times. Most of the collection is black-and-

white vertical photography. There are some color photographs available, but the areas of coverage are limited.

Generally, the maps are listed in order, from those covering a large area (small scale) to those covering a small area (large scale). The sheer size of the aerial photo collection prevents a detailed listing of the available photos in this catalogue.

The MAPS ALBERTA - Reference Library is housed in the Edmonton office. A full set of provincial government aerial photographs and a selection of maps are kept in the library. While the library is non-lending, facilities are available for in-house use of the material. Stereoscopes and other equipment will be provided on request. Trained staff will aid you in the use of various products and answer any questions you may have. The service is free.

Orders & Inquiries

MAPS ALBERTA has two offices. The hours of operation are 8:15 a.m. to 4:30 p.m.

Address all inquiries and mail orders to the main office, in Edmonton.

MAPS ALBERTA

Land Information Services Division
2nd floor, North Tower, Petroleum Plaza
9945 - 108 Street
Edmonton, Alberta, Canada
T5K 2G6
Telephone: (403) 427-3520
Fax: (403) 422-9683

For your convenience, a second government outlet is at:

MAPS ALBERTA

Land Information Services Division
Main Floor, Britannia Building
703 - 6th Avenue S.W.
Calgary, Alberta, Canada
T2P 0T9
Telephone: (403) 297-7389
Fax: (403) 297-2576

Note: To call MAPS ALBERTA toll free, contact the Regional Information Telephone Enquiries (RITE) Centre listed in the white pages under Government of Alberta.

Dealer Network

MAPS ALBERTA has also established a private sector sales network with authorized map dealers in the following communities: Athabasca, Banff, Blairmore, Brooks, Cadomin, Calgary, Canmore, Caroline, Cochrane, Cold Lake, Edmonton, Edson, Fahler, Fort McMurray, Grand Centre, Grande Prairie, Hardisty, High Level, High Prairie,

High River, Hinton, Jasper, Lake Louise, Leduc, Lethbridge, Medicine Hat, Nisku, Olds, Peace River, Penhold, Pincher Creek, Red Deer, Rocky Mountain House, Slave Lake, Spruce Grove, Vegreville, Vermilion, Villeneuve, Waterton Park, Westlock, Wetaskiwin, Fort St. John, B.C., Snowdrift, NWT and Spokane, Washington.

Ordering Information

How to Order Maps

1. Order by series, scale, map sheet reference number and the name of the map. An order form has been included on page xiii for your convenience.
2. Map sheet limits and map sheet reference numbers are based on the National Topographic System (NTS) grid - the diagram on page (vii) illustrates the numeric designation of map sheets at various scales.

Note: Effective October 1989 most Federal Map prices will increase. Please contact MAPS ALBERTA to confirm prices.

How to Order Aerial Photographs

1. If the roll number of the photograph you require is known, please specify the roll and print number(s), e.g., AS3588 #17.
2. If the roll number is unknown, please specify a complete legal description of the area you wish covered by the photo(s), i.e., section-township-range-meridian, (e.g., 1-87-18-W4).
3. The entire province has been photographed at least once; most areas having been photographed several times. Specify whether you require newer or older photographs. If not stated the most recent photographs will be supplied.
4. State whether you require a particular scale of photograph. It may not be possible to match the scale requested, so it would be helpful if a range of scales is provided. If no scale preference is stated, the most recent photographs will be supplied.
5. Specify whether stereo coverage is required.
6. Specify the product required, i.e., contact print, enlargement, etc.

Method of Payment

All orders must be prepaid. Please include with your order a cheque or money order payable in CANADIAN FUNDS to the PROVINCIAL TREASURER. Visa and MasterCard are accepted and may be used for phone-in orders. Customers are advised that prices are **subject to change without notice**.

Handling Charges (per order) will apply as follows:

	Canada	U.S.A.	International
Folded Maps/Contact Prints/Laser Prints	\$3.25	\$4.75	\$5.75
Flat Maps/Enlargements (over 25 cm x 25 cm)	\$4.25	\$6.25	\$6.75

Note: Oversized orders are subject to an additional charge.

Copyright

All maps and aerial photographs produced by or for the Government of Alberta are under Crown copyright. Under certain circumstances, copyright release may be granted. Address all inquiries to the Edmonton office of MAPS ALBERTA, Land Information Services Division.

Ordering Information

Materials

The majority of maps offered by MAPS ALBERTA are lithographed on medium-weight paper, in one or more colors. Some products, however, are available only on other materials, or may be offered in a choice of materials. Customers should, therefore, be aware of differences between materials.

Diazo prints, also referred to as "blue-line prints", are developed on sensitized paper by ammonia compounds. Although maps produced by this process are of lower quality than lithographed maps, they also sell at a lower price. Many

diazo maps are not stocked. They are identified by the symbol (NS) and can be ordered on request.

Photo paper prints are produced by standard photographic methods. The result is high-resolution, black-and-white copies on a stable base. Photo paper prints are not stocked (NS) and must be specially ordered.

Polyester-coated paper (kimdura) is resistant to tearing and is available on 1:750 000 General Base and Administrative Boundary maps at a slightly higher cost.

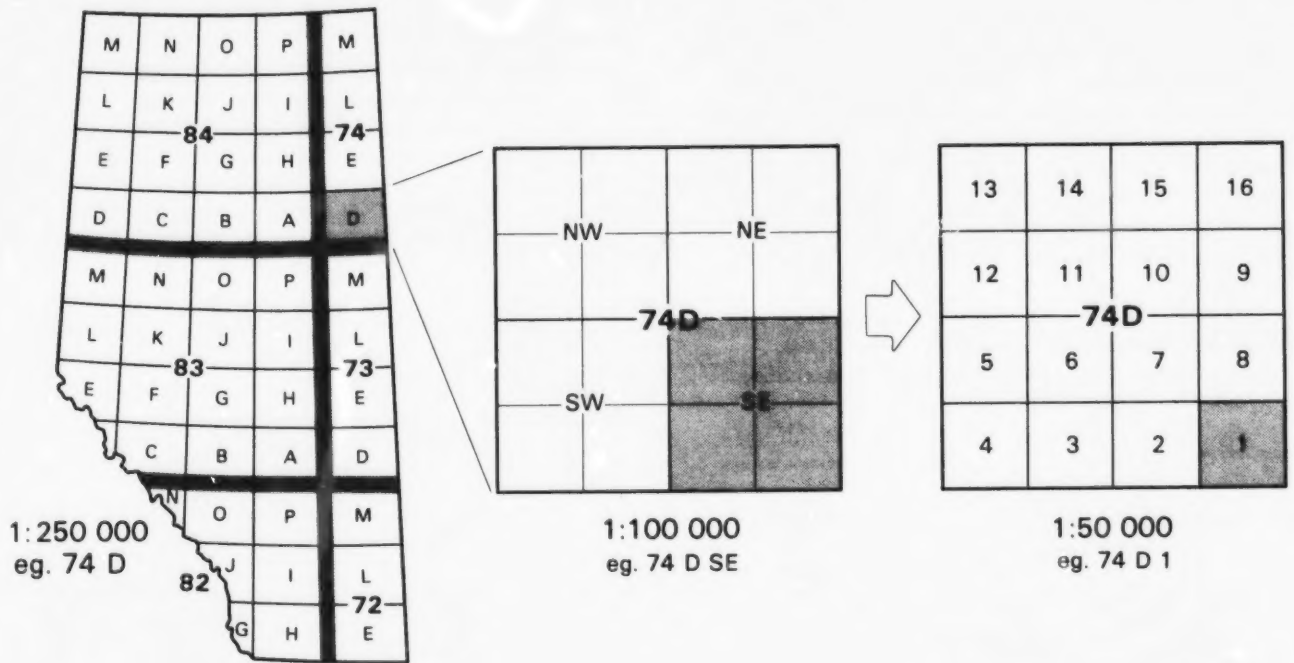
User Guide To Maps

The list below identifies some of the maps that are suitable for different activities. These are suggestions only. We have found that these maps are the most popular for the activity

listed. The map listed at the top of each category is probably best for the purpose, although this will depend on personal preference and map interpretation skills.

Activity	Map	Notes
Camping	1:250 000 Provincial Access (p. 7) Forest Boundary Maps (p. 5,6)	- campground location and access information
	1:50 000 NTS (p. 34)	- contours, trails
Canoeing	1:50 000 NTS (p. 34)	- shows river details and gradient can be calculated
	Nautical Charts (p. 39,40)	- shows river details
	1:250 000 Provincial Access (p.7)	- access to and from river
Fishing	Hydrographic Maps (p. 14,15)	- lake depths
	1:250 000 Provincial Access (p. 7)	- access to lakes
	1:50 000 Resource Base (p. 9)	- detailed access to lakes
Hiking	1:50 000 NTS (p. 34)	- contours, trails
	National Park Maps (p. 30)	- overview of national parks
	Forest Boundary Maps (p. 5,6)	- access, trails and campgrounds
Hunting	1:50 000 Resource Base (p. 9)	- detailed access; also see 1:50 000 Forest Cover (p. 9)
	1:100 000 Forest Cover (p. 8)	- overall regional view (older maps)
	1:250 000 Provincial Access (p. 7)	- access; also see Forest Boundary Maps (p. 5,6)
	1:50 000 NTS (p. 34)	- contours, trails

National Topographic System Grid Reference



The identification of most sectional map sheets and their boundaries is defined by the National Topographic System (NTS) grid. An understanding of this system is important, as map sheet numbers describe specific areas accurately.

Under the system, the entire country is divided into primary quadrangles/blocks, each 4° latitude by 8° longitude and identified by the numbers 72, 73, 74, 82, 83, 84 within Alberta. These primary quadrangles/blocks are divided into 16 smaller blocks (A to P) and are mapped at a scale of

1:250 000, e.g., 74D. Division of 1:250 000 blocks into four quarters (NE, NW, SE, SW) forms blocks which are mapped at a scale of 1:100 000, e.g., 74D SE. The 1:250 000 blocks are also divided into 16 sections (1 to 16), forming blocks used for 1:50 000 scale mapping, e.g., 74D 1. The diagram above helps illustrate how the system works. For a larger, more detailed NTS grid reference map, refer to pages 48 and 49.

Alberta Survey System

Any parcel of land in Alberta can be pinpointed by its legal description. Legal land descriptions are based on the Alberta Township System (ATS) which is simply a grid network dividing the province into equal-sized parcels of land.

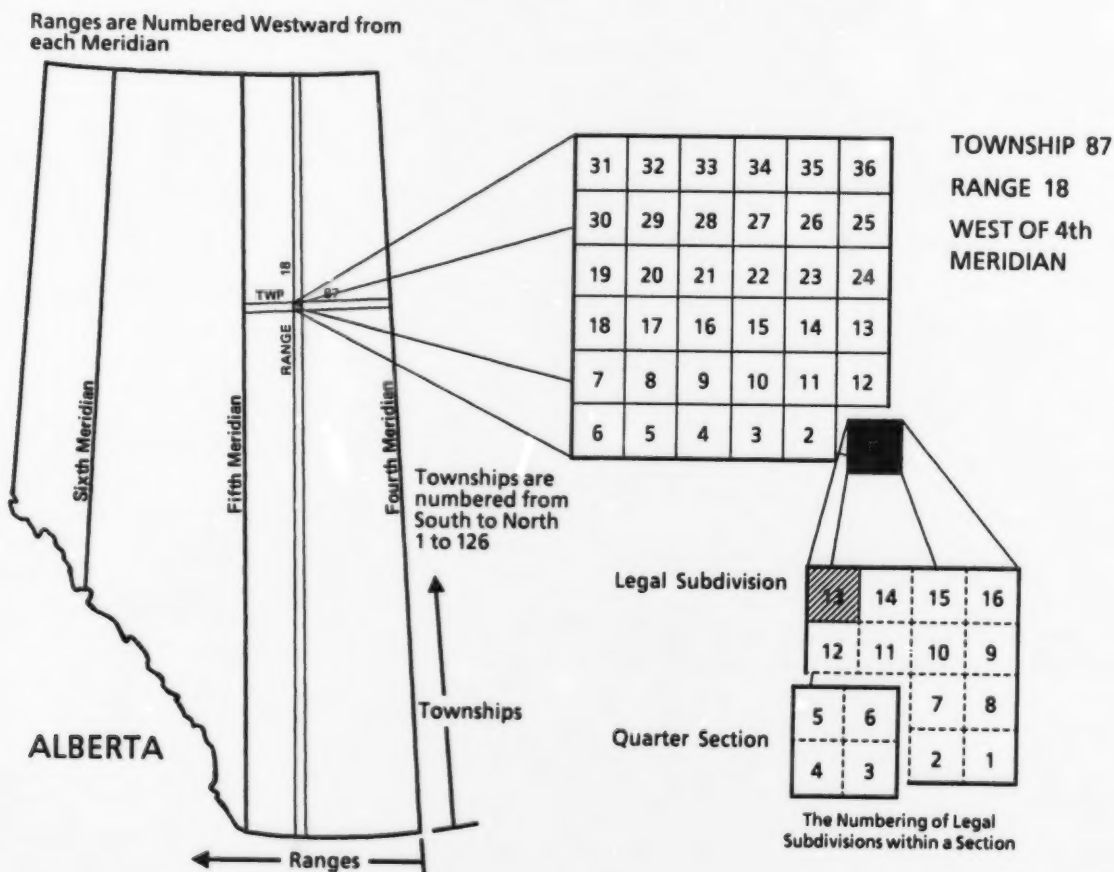
Under the Alberta Township System, land is designated as being west of the 4th Meridian (110° west longitude), 5th Meridian (114° west longitude), or 6th Meridian (118° west longitude). Between meridians are six-mile-wide columns called ranges, that are numbered consecutively from east to west, starting at Range 1 west of each meridian. Townships are six-mile-wide rows that intersect ranges and are numbered consecutively from Township 1 at the Montana border, to Township 126 at the Northwest Territories border.

The word "township" is also used to describe the six mile by six mile square formed by the intersection of ranges (rows) and townships (columns). Townships are divided into 36 sections, each measuring one mile by one mile. Each section can then be divided into quarters (northeast, northwest, southeast, southwest), or into 16 legal subdivisions (LSDs), as indicated.

The legal description of the section highlighted in the diagram would be written correctly as:

1 - 87 - 18 - W4
Section Township Range West of the
4th Meridian

To order aerial photographs, a complete legal land description of the area is important. The legal land description pinpoints the area required without the ambiguity of verbal or written descriptions. If the legal land description of a parcel of land is unknown, it can be determined from a wide variety of maps available through MAPS ALBERTA.



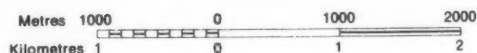
Map Reading Tips

Scale

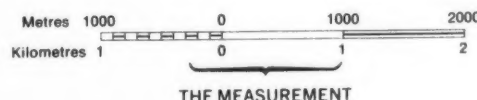
The scale of a map is the relationship between distance on the map and distance on the ground. This is one of the first characteristics a user should be aware of when purchasing maps. Large scale maps cover small areas in greater detail, e.g., 1:50 000 NTS (see p. 34), while small scale maps cover large areas in less detail, e.g., 1:1 000 000 IMW (see p. 32).

The diagram below helps show the various methods that can be used to illustrate scale. A quick reference scale conversion table at the bottom of the page indicates both metric and imperial equivalents for several common map and air photo scales.

LEARN TO USE SCALE LINES CORRECTLY AND MEASURE DISTANCES ACCURATELY



Use the secondary division on the left of Scale Line, for measuring fractional parts as shown below.



IN THIS EXAMPLE THE LENGTH OF THE MEASUREMENT IS 1300 METRES OR 1.3 KILOMETRES

MAPS ARE MADE TO SCALE

This means the ratio of a distance on the map to the actual distance on the ground.

FOR EXAMPLE —
2 CENTIMETRES ON THE MAP



REPRESENTS

1 KILOMETRE ON THE GROUND



IN THIS CASE THE SCALE
WOULD BE 2 CENTIMETRES = 1 KILOMETRE

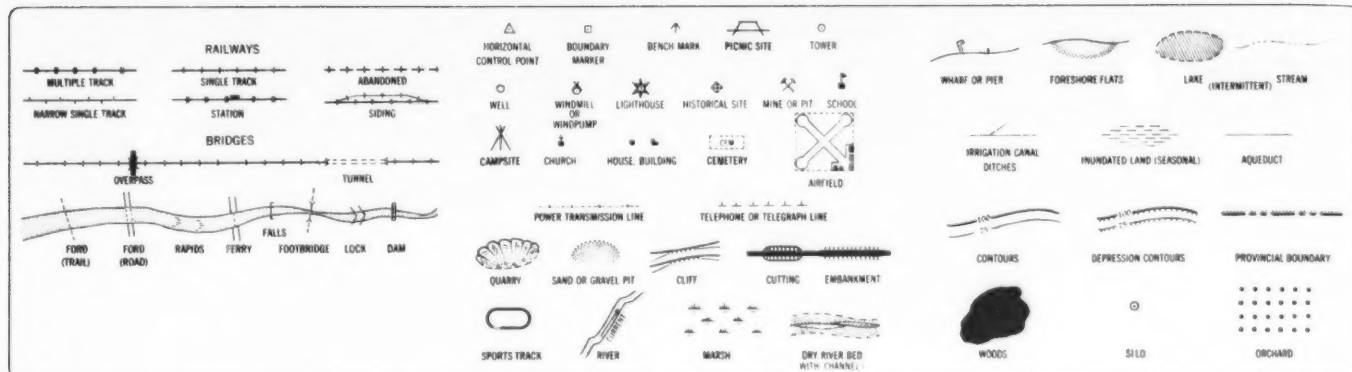
$$\text{OR} \quad \frac{\text{DISTANCE ON MAP}}{\text{DISTANCE ON GROUND}} = \frac{1}{50\,000}$$

Scale Conversion Table

Scale	Metric Equivalent	Imperial Equivalent
1:15 000	1cm = 0.15km	1" = approx. 1/4 mi.
1:30 000	1cm = 0.30km	1" = approx. 1/2 mi.
1:50 000	1cm = 0.50km	1" = approx. 3/4 mi.
1:60 000	1cm = 0.60km	1" = approx. 1 mi.
1:100 000	1cm = 1.00km	1" = approx. 1 1/2 mi.
1:250 000	1cm = 2.50km	1" = approx. 4 mi.
1:500 000	1cm = 5.00km	1" = approx. 8 mi.
1:1 000 000	1cm = 10.00km	1" = approx. 16 mi.

Map Reading Tips

Conventional Signs



Roads

hard surface, all weather

hard surface, all weather

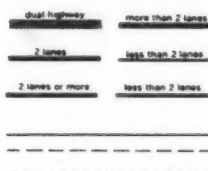
loose or stabilized surface, all weather

loose surface, dry weather and

unclassified streets

cart track

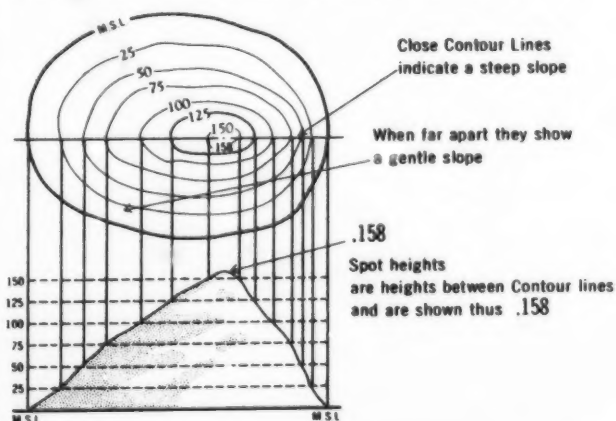
trail or portage



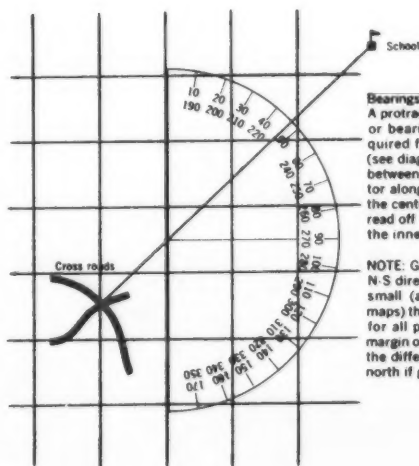
Measurements From Maps

CONTOUR LINES

These are drawn through points having the same elevation. They show the height of ground above sea level (M.S.L.) in either feet or metres and can be drawn at any desired interval.



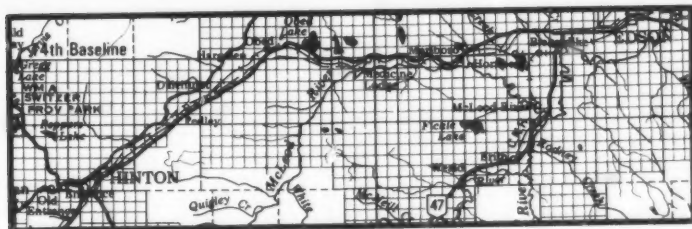
BEARINGS



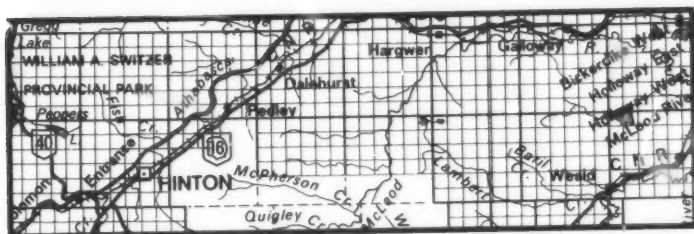
Map Reading Tips

Map Samples

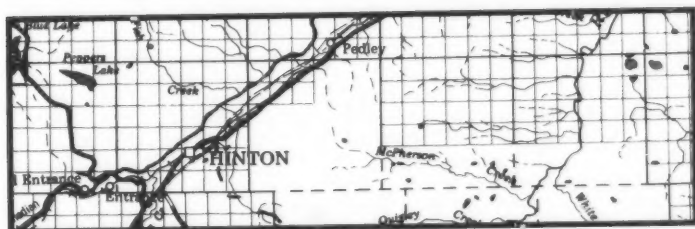
The following samples illustrate the level of detail and type of information shown on various provincially produced maps.



Provincial Base
1:1 000 000



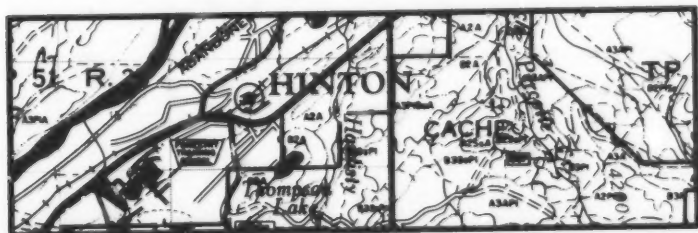
General Base
1:750 000



Provincial Base - Planimetric
1:500 000



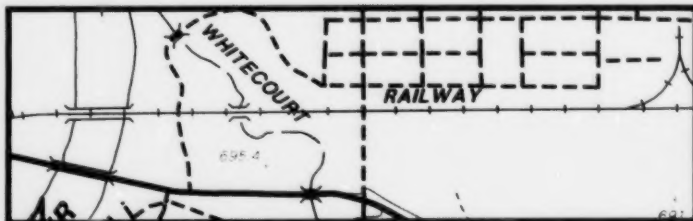
Provincial Access
1:250 000



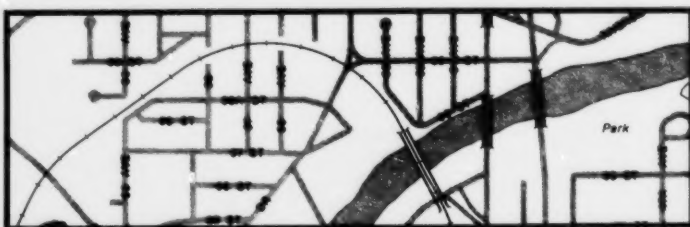
Forest Cover
1:100 000



Resource Base
1:50 000



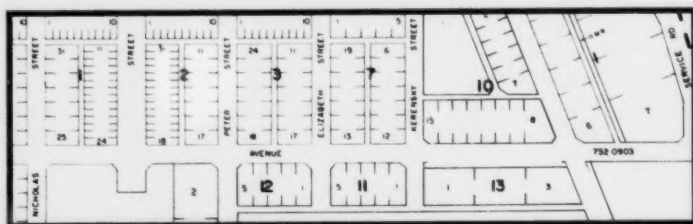
1:20 000
Base Series



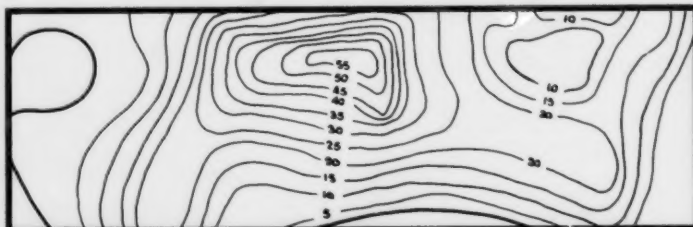
Planimetric City
Red Deer



Cadastral
1:1 000



Municipal Town
Czar



Hydrographic
Mere Lake

MAPS ALBERTA
2nd Floor, North Tower,
Petroleum Plaza,
9945 – 108 Street,
Edmonton, Alberta,
T5K 2C9

NAME	
ADDRESS	
POSTAL CODE	PHONE

CODE	QTY.	SCALE	SERIES	PAGE	IDENTIFICATION NUMBERS	TOTAL QTY.	PRICE	TOTAL
404	1	1:50 000	NTS	34	83 H 5,6	2	4.50	9.00

CODE	QTY.	SCALE	SERIES	PAGE	IDENTIFICATION NUMBERS	TOTAL QTY.	PRICE	TOTAL
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NOTE: See Page v for Handling Charges.

NOTE: See Page v for Handling Charges.

METHOD OF PAYMENT:	
☐ Cheque	☐ Money Order
☐ Visa	☐ Mastercard
<i>If paying by Credit Card:</i>	
CARD NO.	CARD EXPIRY DATE
SIGNATURE	

**MAPS ALBERTA**

Section One: Provincially Published Maps

Provincial Base Maps

1:2 500 000

General Base

A general outline of Alberta showing major hydrography, cities, towns, primary highways, surveyed townships and national parks.

Code 101

NTS Grid

Outlines the National Topographic System (NTS) grid on general base (as above). Used for ordering more detailed map sheets.

Code 102

Scale 1:2 500 000

Dimensions 33 cm x 53 cm (13" x 21")

Material Paper (3 - 5 Colors)

Price \$3.00

Order By Scale and name: example, 1:2 500 000 General Base

1:1 000 000

Provincial Base

A base map of the province showing hydrography, cities, towns, villages, localities, primary and secondary highways, legal survey, Indian reserves, Metis settlements, national and provincial parks and Department of National Defence boundaries.

Code 142

NTS Grid

In addition to the information shown on the Provincial Base map, the National Topographic System grid, used for ordering more detailed map sheets, is highlighted.

Code 143

Scale 1:1 000 000

Dimensions 80 cm x 135 cm (31" x 53")

Material Paper (6 - 9 Colors)

Price \$6.00

Order By Scale and name: example, 1:1 000 000 Provincial Base

1:750 000

General Base

A general base map of the province showing hydrography, cities, towns, villages, localities, primary and secondary highways, legal survey, Indian reserves, Metis settlements, national and provincial parks and Department of National Defence boundaries. These maps are printed on two sheets, but are sold only as a set.

Code 161 paper 171 polyester

Scale 1:750 000

Dimensions 94 cm x 177 cm (37" x 70")

Material Paper/Polyester (5 - 6 Colors)

Price \$12.00 Paper \$18.00 Polyester

Order By Scale and name: 1:750 000 General Base

1:500 000

Provincial Base - Planimetric

A base map of the province showing hydrography, cities, towns, villages, localities, primary and secondary highways, service roads, township and range roads, legal survey, oil and gas plants, Indian reserves, Metis settlements, national and provincial parks and Department of National Defence boundaries. These maps are printed on four sheets, available individually.

Price \$8.00

Code 182

Provincial Base - Topographic

In addition to the information shown on the Provincial Base - Planimetric, the Topographic edition indicates relief with elevation tints and contour lines.

Price \$10.00

Code 181

Scale 1:500 000

Dimensions 155 cm x 269 cm (61" x 106") Assembled

99 cm x 146 cm (39" x 57") NW/SW

75 cm x 146 cm (29" x 57") NE/SE

Material Paper (7 - 9 Colors)

Order By Scale, name and quarter: example, 1:500 000 Provincial Base - Planimetric, SW

Administrative Boundary Maps

Administrative Boundary maps are available as overprints on the General Base/Provincial Base of the same scale (refer to page 1). In addition to the information shown on the corresponding General Base/Provincial Base, these maps highlight the various administrative boundaries indicated by the titles.

1:2 500 000

Judicial Districts	Code 104
Electoral Divisions	Code 105
Municipalities - Counties	Code 106
Statutory Boundaries of Regional Planning Areas	Code 107
Census Divisions	Code 108
Forestry, Lands & Wildlife Regions	Code 110

Scale 1:2 500 000

Dimensions 33 cm x 53 cm (13" x 21")

Material Paper (3 - 5 Colors)

Price \$3.00

Order By Scale and name: example, 1:2 500 000 Electoral Divisions

1:1 000 000

In addition to the information shown on the 1:1 000 000 Provincial Base, the following Administrative Boundary maps also show major service roads.

Forest Management Unit	Code 144
Forest Management Unit with NTS Grid	Code 145
Forest Classification	Code 146
Forest Classification with	
Forest Management Unit Boundaries	Code 147
Ranger Districts	Code 148
Natural Areas	Code 149
Forestry, Lands & Wildlife Regional Boundaries	Code 151

Scale 1:1 000 000

Dimensions 80 cm x 135 cm (31" x 53")

Material Paper (6 - 9 Colors)

Price \$6.00

Order By Scale and name: example, 1:1 000 000 Provincial Base

1:750 000

	Price	Code
Municipalities - Counties		
Paper	\$12.00	162
Polyester	\$18.00	172
Electoral Divisions		
Paper	\$8.00	163
Polyester	\$12.00	173
Judicial Districts		
Paper	\$8.00	169
School Jurisdictions		
Diazo	\$8.00	165

Scale 1:750 000

Dimensions 94 cm x 177 cm (37" x 70")

Material Paper/Polyester (5 - 6 Colors); Diazo

Order By Scale, name and code: example, 1:750 000 Electoral Divisions Code 173 Polyester

1:500 000

Ranger Districts **Code 185**

Scale 1:500 000

Dimensions 155 cm x 269 cm (61" x 106") Assembled

99 cm x 146 cm (39" x 57") NW/SW

75 cm x 146 cm (29" x 57") NE/SE

Material Paper (7 - 9 Colors)

Price \$9.00

Order By Scale, name and quarter: example, 1:500 000 Ranger Districts - NE

Alberta Resource and Economic Atlas

A series of generalized maps outlining various geographical, cultural and economic characteristics of Alberta.

Note: Individual pages may be purchased separately or as a set.

Physical Features

- D1 Alberta in the World
- D2 Alberta Canada
- D3 Alberta Base
- D4 Alberta Physical
- D5 Major Physiographic Regions
- D6 Bedrock Geology
- D7 Soils
- D8 Drainage Basins
- D9 Mean Annual River Discharge
- D10 Sunshine
- D11 Precipitation
- D12 Snowfall
- D13 Mean Temperature
- D14 Average Frost Free Days

Cultural Features

Population

- D15 Population Distribution, 1981
- D16 Population 1000 - Over, 1982
- D17 Population 500 - 999, 1981
- D18 Population 300 - 499, 1981
- D19 Population 200 - 299, 1981
- D20 Population 100 - 199, 1981

Service and Recreational Facilities

- D21 Airlines, 1984
- D22 Electric Systems, 1983
- D23 Driving Times and Distances to Alberta, 1980
- D24 Transportation, 1984
- D25 Hospitals, 1983
- D26 Art Galleries, 1983
- D27 Major Performing Arts Theatres, 1983
- D28 Museums and Archives, 1983
- D29 Public Libraries, 1977
- D30 Campsites and Ski Areas, 1983
- D31 National and Provincial Parks, 1984

Administrative Regions

- D32 Census Division, Municipalities, 1986
- D33 Health Units, 1983
- D34 Statutory Boundaries of Regional Planning Areas, 1988
- D35 LANDSAT - 1,2,3 Index, 1983
- D36 LANDSAT - 4,5 Index, 1983

Natural Resources

- D37 Coal, 1984
- D38 Movement of Coal Within Canada, 1983
- D39 Forest Industry Development Area, 1984
- D40 Potential Annual Forest Yield, 1984
- D41 Metallic Minerals
- D42 Minerals for Chemical and Metallurgical Industries, 1982
- D43 Minerals for Construction Materials Industries, 1982
- D44 Main Pipelines, Refineries and Gas Plants, 1984
- D45 Movement of Oil and Gas, 1983
- D46 Oil, Gas and Oil Sands, 1984

Alberta Resource and Economic Atlas

Agriculture Production

D47 Barley, 1981
D48 Canola, 1981
D49 Flaxseed, 1981
D50 Oats for Grain, 1981
D51 Tame Hay, 1981
D52 Rye, 1981
D53 Wheat, 1981
D54 Cattle and Calves, 1981
D55 Hogs, 1981
D56 Milk Cows, 1981
D57 Poultry, 1981
D58 Poultry Hatcheries, 1982
D59 Sheep and Lambs, 1981
D60 Greenhouses, 1982
D61 Potato Growers, 1982
D62 Vegetable Growers, 1983

Scale 1:5 000 000

Dimensions 22 cm x 28 cm (8.5" x 11")

Price \$1.00 each **Code** 271

Price \$30.000 set **Code** 930

Order By Scale, number and name: example, 1:5 000,00 D7
Soils

Agriculture Processing and Manufacturing

D63 Alfalfa and Peat Moss Processing, 1982
D64 Artificial Insemination of Livestock, 1982
D65 Breweries, Distilleries, Malthouses and Wineries, 1983
D66 Confectionary Processing, 1983
D67 Dairy Manufacturing, 1982
D68 Egg Grading, Packing and Processing, 1983
D69 Feed Mills, 1983
D70 Fertilizer and Agricultural Chemical Manufacturing 1983
D71 Flour Mills and Vegetable Oil Processing, 1983
D72 Food Processing, 1983
D73 Fruit and Vegetable Wholesalers, 1982
D74 Honey and Sugar Refining, 1983
D75 Major Seed Companies, 1982
D76 Meat Processing, 1983
D77 Potato and Vegetable Processing, 1982
D78 Poultry Processing, 1983
D79 Seed Cleaning, 1982
D80 Vegetable Processing, 1982
D81 Veterinarians, 1983

Access and Forestry Maps

Standard Base Information - Access & Forestry Maps

Although developed for a variety of purposes, maps in this section (Access and Forestry Maps) are suitable for a wide range of recreational activities. All maps in this section feature the following standard "base" information: hydrography, cities, towns, villages, primary and secondary highways, service roads, township and range roads, truck trails, cutlines, pipelines, transmission lines, legal survey, Indian reserves, Metis settlements, national and provincial parks as well as Alberta Forest Service facilities. Any additional information unique to a specific map or map series will be noted in the individual product descriptions.

Forest Boundary Map

Standard base information (as above).

Scale 1:250 000

Material Paper (4 Colors)

Order by Scale and name: example, 1:250 000 Edson Forest

	Code	Price
Edson Forest (122 cm x 88 cm)	220	\$6.00
Whitcourt Forest (116 cm x 90 cm)	220	\$6.00

Forest Reserve Maps

Standard base information (as above). These maps also outline Forest Reserve boundaries and represent relief through the use of elevation tints.

Scale 1" = 3 miles

Material Paper (6 Colors)

Order By Scale and name: example, 1" = 3 miles Crowsnest Forest Reserve

	Code	Price
Clearwater Forest Reserve (112 cm x 95 cm)	221	\$6.00
Bow River Forest Reserve (59 cm x 118 cm)	222	\$5.00
Crowsnest Forest Reserve (55 cm x 83 cm)	223	\$5.00

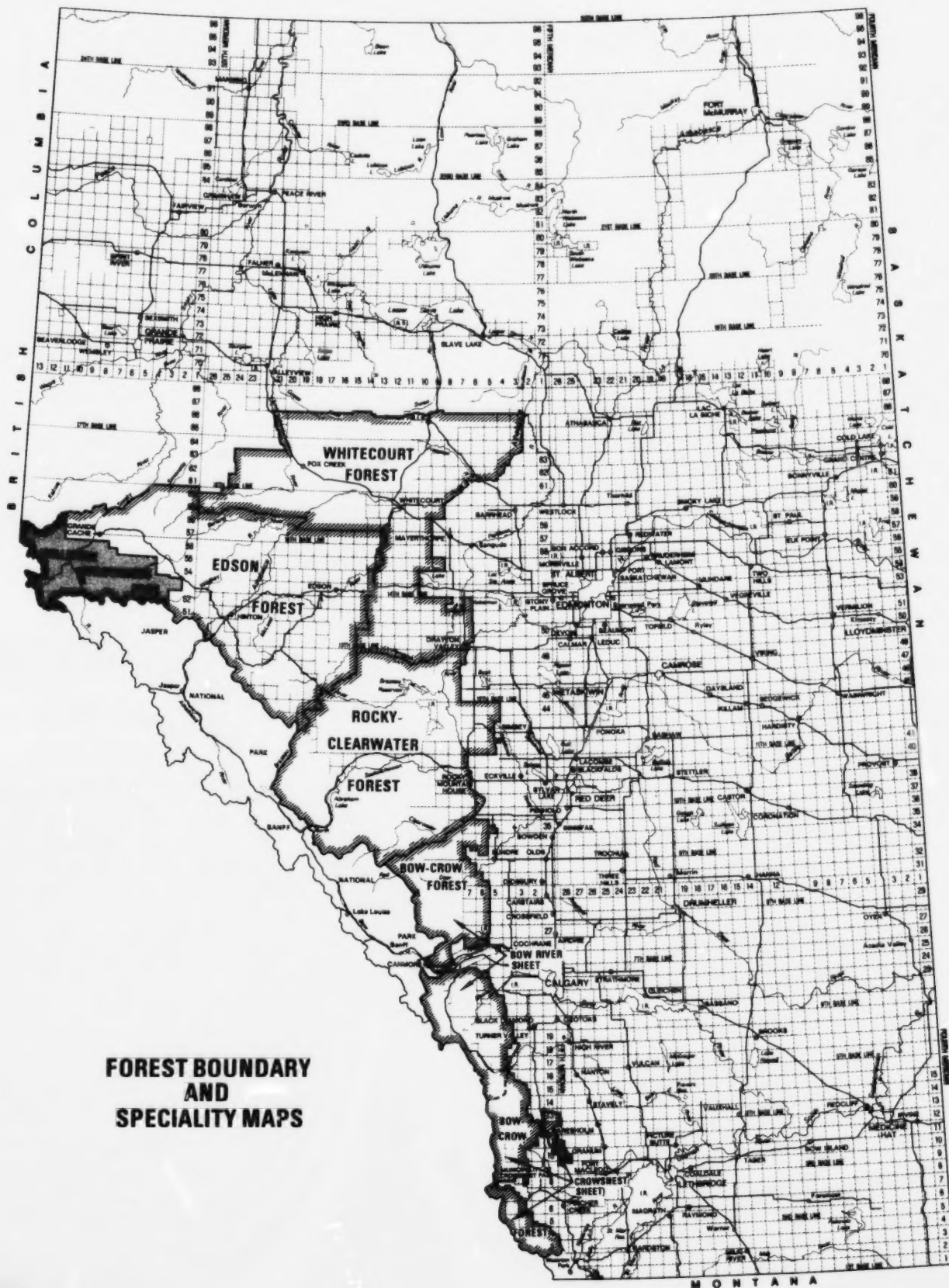
"Special Editions"

Standard base information (as above). These maps also highlight recreation areas and trail information, and depict relief through the use of contour lines.

Material Paper (Monochrome)

Order By Scale and name: example, 1" = 2 miles Willmore Wilderness Park

	Scale	Code	Price
Recreation/Trails Rocky-Clearwater Forest (109 cm x 93 cm)	1" = 3 miles	220	\$6.00
Willmore Wilderness Park (126 cm x 75 cm)	1" = 2 miles	224	\$6.00



Access and Forestry Maps

Provincial Access Series 1:250 000

Standard base information (p. 5) is represented on the planimetric edition of this series. The topographic edition uses contour lines to represent relief, in addition to the standard base information.

Scale 1:250 000

Dimensions 61 cm x 67 cm (24" x 26")

Material Paper (5 Colors)

Series Coverage 50 maps

Order By Scale, series, edition and map sheet number:
example, 1:250 000 Provincial Access,
Topographic 83H

Price \$4.00 **Code** 201 Topographic

Price \$4.00 **Code** 202 Planimetric



Access and Forestry Maps

1:100 000 Scale Maps

Forest Cover Series (FC)

Standard base information (p. 5) with density, height and species of tree stands. Many maps in this series are available only in diazo form. There are no plans to revise or reprint these maps.

Scale 1:100 000

Dimensions 71 cm x 86 cm (28" x 34")

Material Paper (4 Colors)

Series Coverage 134 maps

Order By Scale, series and map sheet numbers: example,
1:100 000 Forest Cover 83K NE

Price \$3.50 **Code** 227

Composite Forest Cover Series (CFC)

Standard base information (p. 5) focusing on a very general classification of density, height and species of timber stands; identified by color codes.

Scale 1:100 000

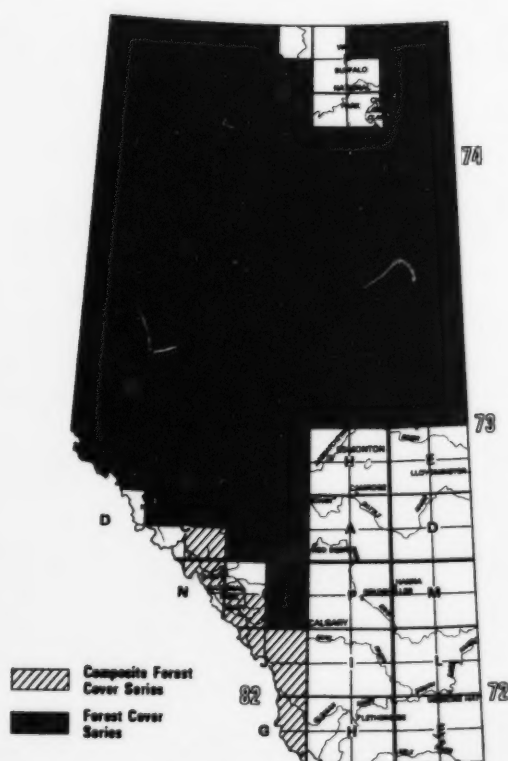
Dimensions 71 cm x 86 cm (28" x 34")

Material Paper (6 Colors)

Series Coverage 8 maps

Order By Scale, series and map sheet numbers: example,
1:100 000 Composite Forest Cover 82J NW

Price \$3.50 **Code** 228



Access and Forestry Maps

1:50 000 Scale Maps

Resource Base Series

Standard base information (p. 5), also shows well sites. Additional sheets are being compiled. Contact MAPS ALBERTA for up-to-date series coverage information.

Scale 1:50 000

Dimensions 71 cm x 95 cm (28" x 37")

Material Diazo

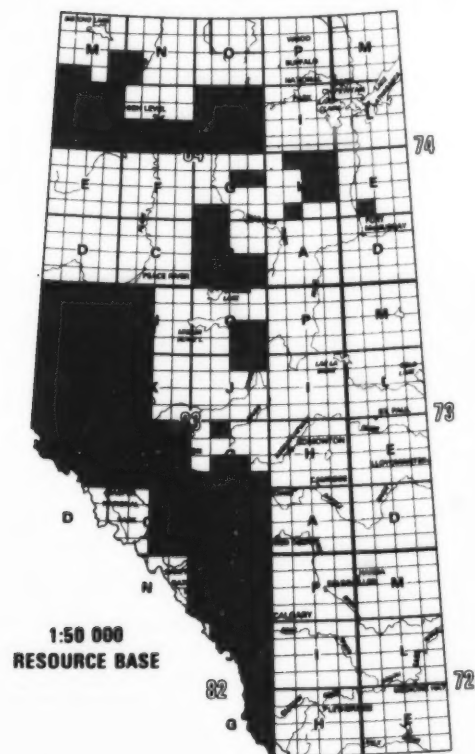
Series Coverage 220 maps

Order By Scale, series and map sheet number: example,

1:50 000 Resource Base 83F9

Price \$3.50

Code 225



Forest Cover Series (FC)

Standard base information (p. 5). Also shows well sites and portrays density, height and species of tree stands. Planimetric does not show tree types.

Scale 1:50 000

Dimensions 77.5 cm x 90 cm (30" x 35")

Material Diazo

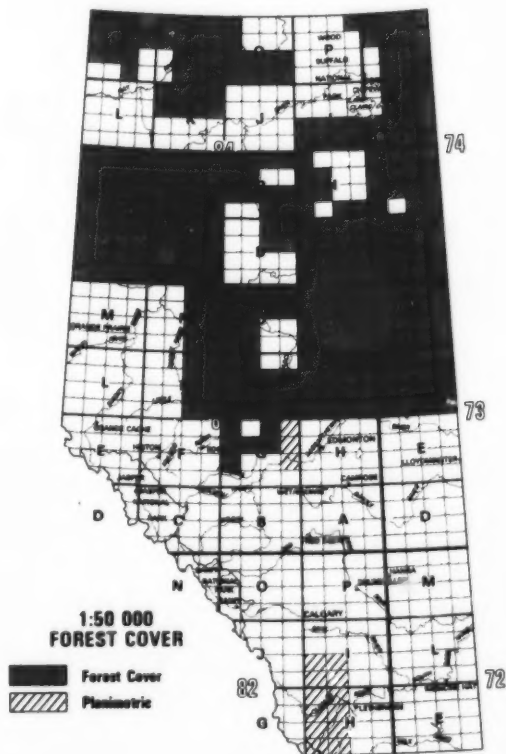
Series Coverage 343 maps

Order by Scale, series and map sheet number: example,

1:50 000 Forest Cover 83J5

Price \$3.50

Code 229



Access and Forestry Maps

1:20 000 Base Series

This is a new series developed by the Land Information Services Division (LISD). It is scheduled to be completed over the next few years and will provide full coverage of the province. The maps show contour lines to depict elevation, in addition to standard base information (page 5). These maps are not stocked, but will be ordered on request. Contact MAPS ALBERTA for up-to-date coverage information.

Scale 1:20 000

Dimensions 91 cm x 107 cm (36" x 42")

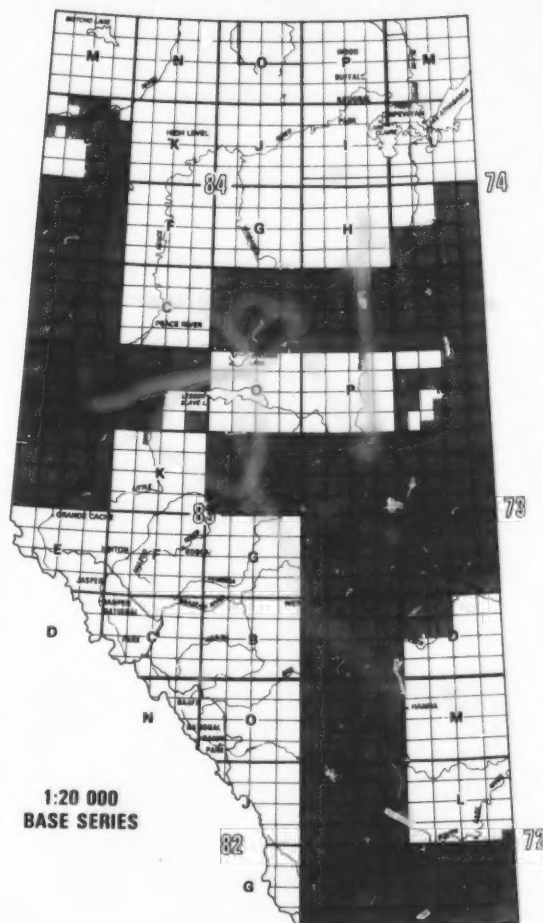
Material Diazo (NS)/Photo Paper (NS)

Order By Scale, series and map sheet number: example,
1:20 000 Base 83J9 NE

Price \$3.00 **Code** 205 Diazo

Price \$20.50 **Code** 206 Photo Paper

The series coverage map shown is current to March 28, 1989.



Municipal Mapping

Planimetric City Maps *

Shows hydrography, streets, avenues, railway lines, schools, parks, golf courses, subdivision names, Indian reserves, airports and city boundaries.

City	Year	Scale	Dimensions
Airdrie	1988	1:20 000	76 cm x 77 cm
Calgary*	1986	1:40 000	91 cm x 128 cm
Calgary (12 sheets)	1986	1:20 000	96 cm x 81 cm
Camrose	1988	1:20 000	65 cm x 68 cm
Drumheller	1989	1:20 000	94 cm x 95 cm
Edmonton*	1986	1:40 000	104 cm x 117 cm
Edmonton (9 sheets)	1986	1:20 000	96 cm x 81 cm
Fort McMurray	1989	1:20 000	84 cm x 95 cm
Fort Saskatchewan (3 sheets)	1987	1:20 000	90 cm x 81 cm
Grande Prairie	1989	1:20 000	87 cm x 86 cm
Leduc	1989	1:20 000	91 cm x 95 cm
Lethbridge (3 sheets)	1987	1:20 000	90 cm x 81 cm
Lloydminster	1989	1:20 000	99 cm x 103 cm
Medicine Hat	1986	1:20 000	99 cm x 102 cm
Red Deer	1988	1:20 000	94 cm x 95 cm
St. Albert (2 sheets)	1987	1:20 000	90 cm x 81 cm
Spruce Grove	1989	1:20 000	90 cm x 95 cm
Wetaskiwin	1987	1:20 000	65 cm x 68 cm

*stock item

Material Diazo (NS)/Photo Paper (NS)

Order By Scale and name: example, 1:40 000 Edmonton

Price \$3.50 **Code** 258 Diazo

Price \$25.00 **Code** 259 Photo Paper

Cadastral Maps 1:5 000 & 1:1 000

These maps outline lot boundaries and indicate control survey monuments and street names. In addition, 1:1 000 cadastral maps indicate lot dimensions and cadastral stations.

Some 1:1 000 cadastral bases are in digital format and stored in a computer. Hard copies on paper will require a letter indicating the need for a map to be produced, and may take up to a month to process. A wide variety of sample copies are available.

Cadastral/Orthophoto/Contour maps, formerly available from MAPS ALBERTA, are now available through their respective Municipal offices.

Scale 1:5 000 / 1:1 000

Dimensions 104 cm x 72 cm

Material Diazo (NS)

Order By Contact MAPS ALBERTA for specific ordering information.

Price \$3.50

Code 262

Municipality

Airdrie
Black Diamond
Bonnyville
Bow Island
Brooks
Canmore
Cardston
Carstairs
Claresholm
Coaldale
Cochrane
Cold Lake
Crowsnest Pass

1:5 000 Cadastral Base

9 sheets - 1989
4 sheets - 1976
4 sheets - 1988
5 sheets - 1988
11 sheets - 1978/80
8 sheets - 1980
4 sheets - 1981
6 sheets - 1988
6 sheets - 1983
4 sheets - 1978/79
6 sheets - 1981/82
5 sheets - 1988
15 sheets - 1988

1:1 000 Cadastral Base

153 sheets - 1989
16 sheets - 1975/76
54 sheets - 1988
52 sheets - 1988

43 sheets - 1981
42 sheets - 1988
72 sheets - 1983

90 sheets - 1982
69 sheets - 1988
171 sheets - 1988

Municipal Mapping

Cadastral Maps 1:5 000 & 1:1 000

Municipality	1:5 000 Cadastral Base	1:1 000 Cadastral Base
Drayton Valley	7 sheets - 1988	92 sheets - 1988
Drumheller - ID #7	17 sheets - 1989	249 sheets - 1989
Edson	8 sheets - 1988	100 sheets - 1988
Fort Macleod	4 sheets - 1981	80 sheets - 1981
Fort McMurray	12 sheets - 1988	124 sheets - 1988
Fort Saskatchewan	4 sheets - 1988	95 sheets - 1988
Grand Centre	4 sheets - 1988	42 sheets - 1988
Grande Cache	1 sheet - 1979	15 sheets - 1971/75
Grande Prairie	6 sheets - 1988	138 sheets - 1988
Hanna	6 sheets - 1983	88 sheets - 1983
High Level	3 sheets - 1989	60 sheets - 1989
High Prairie	6 sheets - 1989	76 sheets - 1989
Hinton	8 sheets - 1988	106 sheets - 1988
Innisfail	5 sheets - 1987	46 sheets - 1987
Lac La Biche	8 sheets - 1988	61 sheets - 1988
Leduc	9 sheets - 1976/80	19 sheets - 1975/76
Lethbridge	7 sheets - 1988	86 sheets - 1988
Lloydminster	6 sheets - 1989	75 sheets - 1989
Magrath	6 sheets - 1980	81 sheets - 1980
Medicine Hat		102 sheets - 1989
Morinville	6 sheets - 1984	51 sheets - 1984
Okotoks	5 sheets - 1985	57 sheets - 1985
Olds	4 sheets - 1987	44 sheets - 1987
Oyen	4 sheets - 1987	35 sheets - 1987
Peace River	8 sheets - 1978/89	
Picture Butte	4 sheets - 1987	30 sheets - 1987
Pincher Creek	4 sheets - 1988	49 sheets - 1988
Ponoka	4 sheets - 1987	39 sheets - 1987
Raymond	1 sheet - 1987	20 sheets - 1987
Red Deer	11 sheets - 1989	186 sheets - 1989
Rocky Mountain House	8 sheets - 1988	93 sheets - 1988
St. Albert	8 sheets - 1988	145 sheets - 1988
St. Paul	6 sheets - 1988	61 sheets - 1988
Spruce Grove	12 sheets - 1989	108 sheets - 1989
Stettler	5 sheets - 1987	100 sheets - 1987
Strathmore	6 sheets - 1988	78 sheets - 1988
Swan Hills	4 sheets - 1987	68 sheets - 1987
Taber	9 sheets - 1988	106 sheets - 1988
Three Hills	2 sheets - 1986	50 sheets - 1986
Turner Valley	6 sheets - 1978	16 sheets - 1975/76
Vegreville	9 sheets - 1988	51 sheets - 1988
Vermilion	6 sheets - 1988	58 sheets - 1988
Wainwright	4 sheets - 1988	54 sheets - 1988
Westlock	4 sheets - 1987	64 sheets - 1987
Whitecourt	6 sheets - 1980	25 sheets - 1980

Edmonton Area Land Map

Features land ownership information and rural subdivisions within a 25-mile radius of Edmonton.

Scale 1:100 000

Dimensions 98 cm x 124 cm (38.5" x 49")

Material Paper/Polyester (5 Colors)

Price	\$17.50 Paper	Code	291
	\$30.00 Polyester		292

Municipal Mapping

Municipal Town Maps

Shows individual lots, street and avenue names or numbers.

Series Coverage 119 maps; as follows:

Abee	84-04	Faust	84-08	Mitsue Lake	84-11
Alcomdale	84-04	Fawcett	—	Mundare	84-08
Andrew	84-04	Flatbush	—	Musidora	84-09
Anzac	84-04	Fort Chipewyan	84-10	Myrmam	84-08
Ardmore	84-04	Fort Kent	—		
Ashmont	84-04	Fort McKay	84-09	Newbrook	—
Athabasca	85-08				
Atmore	84-05	Glendon	84-08	Paradise Valley	84-09
		Glenevis	84-08	Parkland Beach (Gull Lake)	84-01
Banff	84-05	Grand Centre	84-10	Pibroch	84-09
Beauvalon	84-05			Pickardville	84-08
Bellis	84-05	Hairy Hill	84-12	Plamondon	84-09
Berwyn	84-07	Hardisty	84-12	Provost	84-08
Blackfoot	84-07	Heinsburg	86-03		
Bluesky	84-07	Hilliard	84-10	Radway	84-08
Borradail	84-07	Holden	84-10	Ranfurly	84-08
Boyle	84-07	Horseshoe Bay (Vincent Lake)	85-01	Ribstone	84-08
Bruce	84-07	Hughenden	84-08	Rochester	84-08
Bruderheim	84-07	Hylo	84-10	Rossington	—
Buffalo Lake	84-07			Round Hill	—
Busby	84-07	Imperial Mills	84-11	Ryley	84-10
		Innisfree	84-12		
Cadogan	84-07	Irma	85-01	St. Paul	84-09
Canyon Creek	84-07			Slave Lake	84-09
Caslan	84-07	Janvier	85-06	Smoky Lake	1985
Chauvin	84-07	Jarrow	84-11	Spedden	—
Cherry Grove	84-08	Jarvie	84-11		
Chipman	84-08	Jasper	84-10	Tawatinaw	—
Chisholm	84-08	Joussard	84-11	Therien	85-04
Clandonald	84-08			Thorhild	—
Clyde	84-08	Kinsella	84-10	Tofield	85-05
Cold Lake	84-12	Kinuso	84-12		
Colinton	84-08	Kitscoty	84-10	Vermilion	86-02
Conklin	84-08			Venice	1985
Czar	84-08	Lac La Biche	84-07	Viking	84-03
		La Corey	84-12	Vilna	85-04
Dapp	84-08	Lamont	86-04	Vimy	—
Derwent	84-08	Larkspur S.V. (Long Island)	85-01		
Dewberry	84-08	Lavoy	84-10	Wagner	1985
Duvernay	84-08	Lloydminster	85-08	Wandering River	85-04
				Warspite	1985
Edgerton	84-08	Mallaig	84-12	Waskatenau	85-01
Egremont	84-08	Mannville	84-11	Wayne	85-04
Elk Point	84-08	Marwayne	84-10	Westlock	83-06
		Metiskow	84-10	Widewater	1985
Fabyan	84-08	Minburn	—	Willingdon	85-04

Scale Various

Dimensions Various

Material Diazo (NS)

Order By Town name: example, Athabasca

Price \$3.00

Code 234

Hydrographic Maps

These maps depict water depths throughout the province using contour lines. They do not indicate specific depth soundings but give a generalized

picture of the lake bottom. The nearest settlement is in brackets.

Series Coverage

Amisk Lake (Boyle)
Angling Lake (Grand Centre)
Antler Lake (Tofield)
Astotin Lake (Fort Saskatchewan)

Baptiste Lake (Athabasca)
Bassano Reservoir (Bassano)
Battle Lake (Hoadley)
Bear Lake (Clairmont)
Bear Lake (Edson)
Beauvallon Lake (Two Hills)
Beaver Lake (Lac La Biche)
Beaver Mines Lake (Bellevue)
Birch Lake (Glenevis)
Blackmud Lake (Marlboro)
Blood Indian Reservoir (Youngstown)
Bonnie Lake (Vilna)
Bridge Lakes (Clyde)
Buck Lake (Drayton Valley)
Buffalo Lake (Stettler)
Burnstick Lake (Sundre)
Burnt Lake (Cold Lake)

Cache Lake (Entrance)
Cache Lake and Graveyard Lake (Hinton)
Cardinal Lake (Queen Elizabeth Park)
Caribou Lake (Cold Lake)
Carson Lake (Whitecourt)
Chain Lakes (Ponoka)
Charlotte Lake (Bonnyville)
Charron Lake (Atmore)
Chestermere Lake (Calgary)
Chickakoo Lake (Stony Plain)
Chickenhill Lake (St. Paul)
Chin Lake (Coaldale)
Clairmont Lake (Grande Prairie)
Claude Lake (Lac La Biche)
Coal Lake Reservoir (Wetaskiwin)
Cold Lake (Cold Lake)
Cooking Lake (Sherwood Park)
Cow Lake (Rocky Mountain House)
Crimson Lake (Rocky Mountain House)
Cross Lake, see Steele Lake
Crowsnest Lake (Coleman)
Cyr Lake/Saint Cyr (St. Paul)

Dakin Lake (Atmore)
Dillberry Lake (Wainwright)

Eden Lake (Beach Corner)
Elkwater Lake (Irvine)
Ethel Lake (Cold Lake)

Fawcett Lake (Smith)
Fickle Lake (Edson)
Floatingstone Lake (Spedden)
Fork Lake (Lac La Biche)
Freeman Lake (Swan Hills)
Frog Lake (Elk Point)

Gap Lake (Canmore)
Garner Lake (Spedden)
George Lake East 1/2 (Hines Creek)
Ghost Lake (Athabasca)
Glenmore Lake (Calgary)
Glennifer Reservoir (Dickson)
Goldeye Lake (Nordegg)
Goodfish Lake (Vilna)
Goose Lake (Fort Assiniboine)
Gooseberry Lake (Consort)
Gosling Lake (Buck Lake)
Grande Cache Lake (Grande Cache)
Grassy Island Lake (Mallaig)
Graveyard Lake and Cache Lake (Hinton)
Gregg Lake (Hinton)
Gregoire Lake (Fort McMurray)
Gull Lake (Bentley)

Hanmore Lake (Smoky Lake)
Hasse Lake (Stony Plain)
Hastings Lake (Denville)
Hilda Lake (Cold Lake)
Hubbles Lake (Stony Plain)

Iosegun Lake (Fox Creek)
Ironwood Lake (Lac La Biche)
Island Lake (Athabasca)
Isle Lake (Gainford)

Jackfish Lake (Stony Plain)
Jarvis Lake (Hinton)
Jessie Lake (Bonnyville)
Johnnys Lake (Stony Plain)
Joseph Lake (New Sarepta)

Kananaskis Lake Lower (Canmore)
Kananaskis Lake Upper (Canmore)
Kehiwin Lake (Bonnyville)
Keho Lake Reservoir (Albion Ridge)
Kinky Lake with Wildhorse (Hinton)

Lac La Biche (Lac La Biche)
Lac La Nonne (Barrhead)
Lac Ste. Anne (Onoway)
Lac Saint Cyr (St. Paul)

Hydrographic Maps

Lac Sante (St. Paul)
Laurier Lake (Elk Point)
Lawrence Lake (Athabasca)
Lees Lake (Pincher Creek)
Lesser Slave Lake (Slave Lake)
Little Beaver Lake (Ferintosh)
Long Island Lake (Westlock)

Magee Lake-Lower Chain (Ponoka)
Manatokan Lake (Iron River)
Mann Lake-Lower (Ashmont)
Mann Lake-Upper (Ashmont)
Marie Lake (Cold Lake)
Mary Gregg Lake (Hinton)
May Lake (Cold Lake)
Medicine Lake (Rimbey)
Mere Lake (Stony Plain)
Millers Lake (Marlboro)
Mink Lake (Carvel Corner)
Minnewanka Lake (Banff)
Minnie Lake (Glendon)
Miquelon Lake (New Sarepta)
Mitchell Lake (Rocky Mountain House)
Mitsue Lake (Slave Lake)
Moore Lake (Cold Lake)
Moose Lake (Bonnyville)
Mud Lake (Fort Macleod)
Muir Lake (Spruce Grove)
Muriel Lake (Gurneyville)

Nakamun Lake (Onoway)
Nipisi Lake (Slave Lake)
North Buck Lake (Caslan)

Obed Lake (Hinton)
Oliver Lake (New Sarepta)
Outpost Lake (Cardston)

Paine Lake Reservoir (Mountain View)
Peanut Lake (Barrhead)
Pierre Grey Lakes (Muskeg)
Pigeon Lake (Mulhurst)
Pine Lake (Pine Lake)
Pinehurst Lake (Lac La Biche)

Scale Various

Dimensions Various

Material Diazo

Order By Lake name: example, Charlotte Lake

Price \$3.00

Code 240

Red Deer Lake (Ferintosh)
Reita Lake (Bonnyville)
Rock Lake (Hinton)

Samson Lake (Hobbema)
Sandy Lake (Morinville)
Sang-Surprise Lake (Edson)
Seibert Lake (Bonnyville)
Shiningbank Lake (Peers)
Skeleton Lake (Boyle)
Smoke Lake (Fox Creek)
Smoky Lake (Warspite)
Snipe Lake (Valleyview)
Socony Mobil Lake (Swan Hills)
South Heart River Dam #2 (McLennan)
South Heart Reservoir (McLennan)
Spring Lake (Stony Plain)
Square Lake (Lac La Biche)
Star Lake (Carvel Corner)
Steele Lake (Fawcett)
Strubel Lake (Caroline)
Sturgeon Lake (Williamson Park)
Suds Lake (Warner)
Swan Lake (Rocky Mountain House)
Sylvan Lake (Sylvan Lake)

Telford Lake (Leduc)
Touchwood Lake (Lac La Biche)
Tucker Lake (Cold Lake)
Twin Lakes (Hoadley)

Utikuma Lake (Nipisi)

Victor Lake (Grande Cache)
Vincent Lake-St. Vincent (Ashmont)

Wabamun Lake (Wabamun)
Wakomao Lake (Clyde)
Watt Lake (Two Hills)
Whitefish Lake (Vilna)
Whitney Lake (Elk Point)
Wildhorse Lake with Kinky (Hinton)
Winefred Lake (Cold Lake)
Wizard Lake (Leduc)
Wolf Lake (Bonnyville)

Planning and Resource Inventory Maps

Phase III Forest Inventory

Shows tree heights, species, age, site quality, slope severity and height of land.

Scale 1:15 000

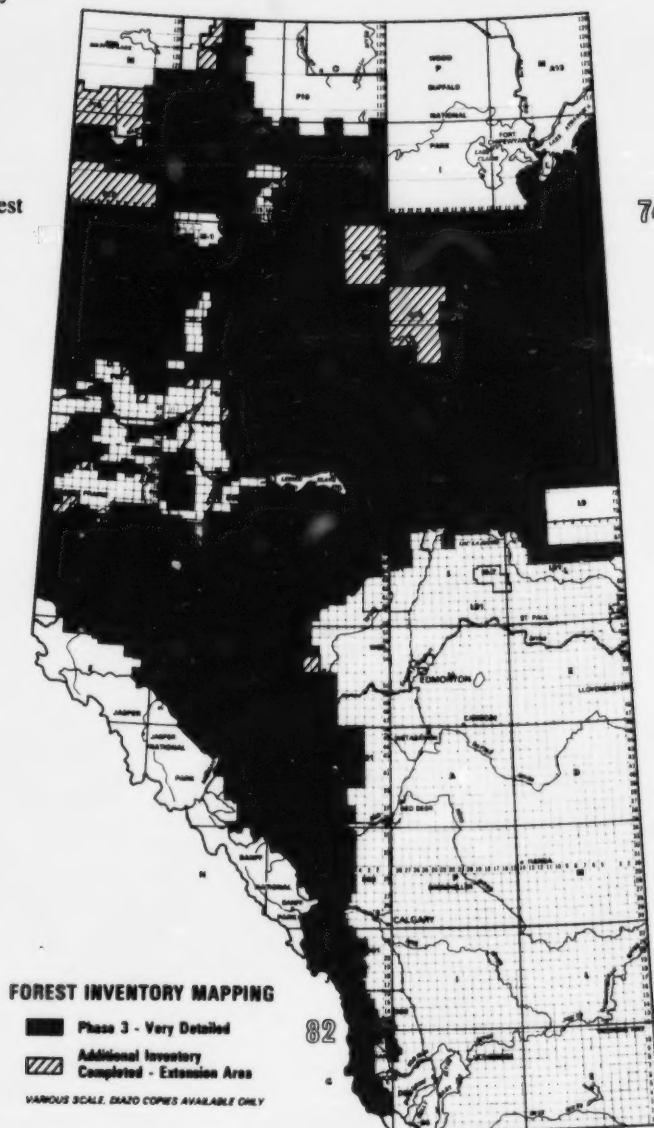
Dimensions 94 cm x 100 cm (37" x 39")

Material Diazo (NS)

Series Coverage 3 600 maps

Order By Scale, series and legal description: example,
1:15 000 Phase III, Township 44, Range 12, West
of the 5th Meridian

Price \$3.50 **Code** 230



Planning and Resource Inventory Maps

Aggregate Resource Maps

A series of maps showing the distribution of major gravel deposits in the province.

Scale 1:250 000

Dimensions 57.2 cm x 73.7 cm (22.5" x 29")

Material Diazo (NS)

Series Coverage 13 maps

Order By Scale, series and map sheet number: example,

1:250 000 Aggregate Resource 72L

Price \$3.50

Code 217

Scale 1:50 000

Dimensions 110 cm x 80 cm (43" x 31.5")

Material Diazo (NS)

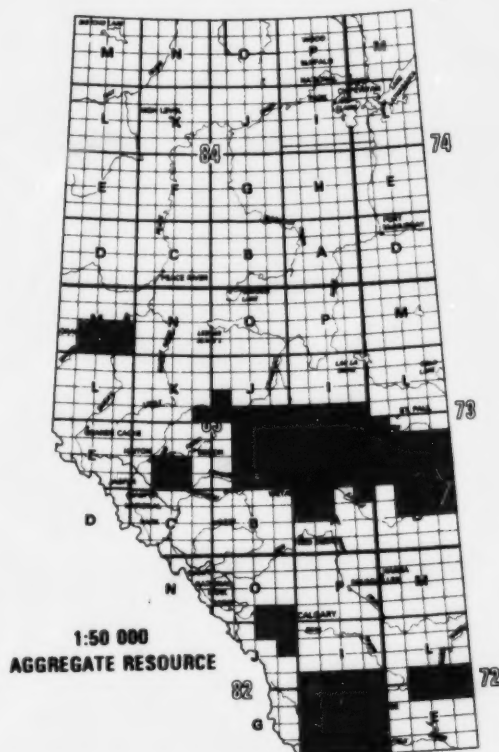
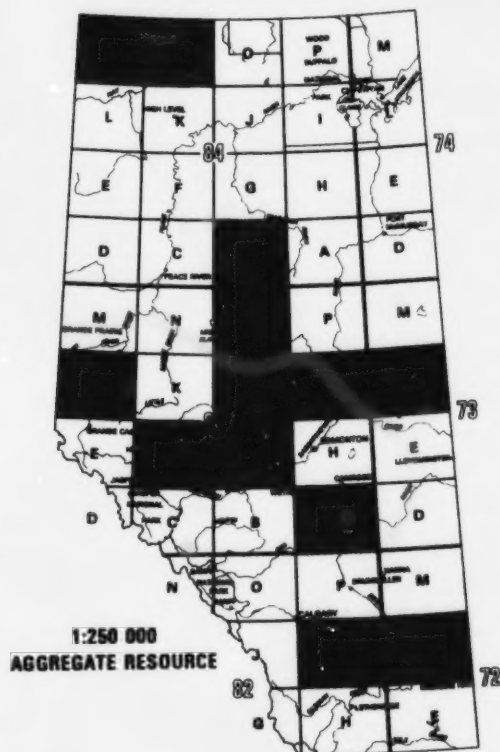
Series Coverage 103 maps

Order By Scale, series and map sheet number: example,

1:50 000 Aggregate Resource 83H5

Price \$3.50

Code 216



Planning and Resource Inventory Maps

Physical Land Classification Maps

A series of maps displaying genetic composition (landform and parent geological material), surface expression, texture, slope and aspect, with the integration of soil classification and

drainage. The maps provide physical land resource data for resource management planning. They range in scale from 1:15 000 to 1:250 000.

Series Coverage as follows:

Study Area	Scale	Map Sheets
# 1 Iosegun Lake	1:15 000	83K 7,10
# 2 Rocky Mtn. House Grazing Reserve	1:50 000	83B 10,11,14,15
# 3 Cold Lake	1:50 000	73E 9,15,16 73L 1,2,3,6,7,8,9,10
# 4 Ghost River	1:50 000	82O 2,3,6,7,10,11
# 5 Porcupine-Livingstone	1:50 000	82G 9,10,15,16 82H 13, 82I 4, 82J 1,2,7,8
# 7 Grande Cache - Kakwa - Willmore	1:250 000	Provisional
# 8 Brazeau - Pembina	1:50 000	83B 13,14 83C 9,15,16, 83F 1 83G 2,3,4
# 9 Berland Current Regional Plan	1:125 000	PLC Mylar Positive
# 10 Pembina Grazing Reserve	1:50 000	Twp 48,49, R 9,10, W5
# 11 Cache Percotte	1:15 000	83F 5,6(Mosaic)
# 12 Frost Hills	1:50 000	83N 1,8 83O 3,4,5,6
# 13 Swan Hills Townsite	1:15 000	Twp 66, R 10,11, W5
# 14 Rocky - North Saskatchewan	1:50 000	83B 2,3,4,5,6,7,10,11,12,13,14,15,16
# 15 Management Unit W4	1:15 000	83C 8,9,16 83G 2,3
# 16 Swartz Lake		Twp 63,64, R 14,15,16,17 W5
# 19 Jean D'Or Prairie	1:50 000	Twp 65,66, R 14,15,16,W5
# 21 Carcajou Study Area	1:50 000	one sheet
# 25 Deep Basin	1:50 000	84J 3,4,5,6,11,12
		84F 5,6,7,10,11,12,13,14,15 84K 2,3
		83L 1-16 inclusive

Material Diazo (NS)

Order By Scale, series, study area and map sheet number:
example, 1:50 000 Physical Land Classification
#3 Cold Lake, 73L8

Price \$3.50 **Code** 231

Terrain Sensitivity Map

A series of maps, at a scale of 1:15 000, displaying derived ratings of the inherent sensitivity of physical land units as classified through Physical Land Classification studies. These ratings reflect evaluations based on the inherent characteristics of the physical land unit and not on the sensitivity of the landscape to a specific one.

Series Coverage 28 Townships (see list below)

Management Unit W4 - 1:15 000
Twp 63, R 14, 15, 16, 17, W5
Twp 64, R 14, 15, 16, 17, W5
Twp 65, R 14, 15, 16, W5
Twp 66, R 14, 15, 16, W5

Scale 1:15 000

Material Diazo (NS)

Order By Scale, series, study area and township: example,
1:15 000 Terrain Sensitivity, Deep Basin, Twp 60,
R 7, W6.

Price \$3.00 **Code** 233

Deep Basin (NTS 83L) - 1:15 000

Twp 59, R 8, W6
Twp 60, R 1, 2, 7, 8, W6
Twp 61, R 1, 4, W6
Twp 63, R 9, 10, W6

Planning and Resource Inventory Maps

Alberta Oil Sands Environmental Research Program (AOSERP)

A collection of maps covering the Alberta Oil Sands Environmental Research Program (AOSERP) study area in northeastern Alberta. The maps are components of a comprehensive report, "Ecological Habitat Mapping of the AOSERP Study Area, Phase 1".

Series Coverage as follows:

AOSERP - Soils

74D 5, 6, 7w, 10w, 11, 12, 13, 14 15w
74E 2w, 3, 4, 5, 6, 7w, 10w, 11, 12, 13, 14 15w
74L 2w, 3
84A 7, 8, 9, 10, 15, 16
84H 1, 2, 7, 8, 9, 10, 15, 16
84I 1

AOSERP - Surficial Geology

74D 5, 6, 7, 10, 11, 12, 13, 14, 15
74E 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15
74L 2, 3, 4
84A 7, 8, 9, 10, 15, 16
84H 1, 2, 7, 8, 9, 10, 15, 16
84I 1, 2

AOSERP - Vegetation

74D 5, 6, 7, 10, 11, 12, 13, 14, 15
74E 2, 3, 4, 5, 6, 7, 10, 11, 12, 13, 14, 15
74L 2, 3, 4
84A 7, 8, 9, 10, 15, 16
84H 1, 2, 7, 8, 9, 10, 15, 16
84I 1, 2

Scale 1:50 000

Dimensions 100 cm x 85 cm (39" x 33")

Material Diazo (NS)

Order By Scale, series and map sheet number: example,
1:50 000 AOSERP soils 74D6

Price \$3.50 Code 236

Forage Inventory

This series of maps provides a forage inventory of Alberta's public lands. The inventory assesses the natural vegetation and separates it into recognized plant associations. The information provides the opportunity for analysis of domestic and wildlife forage potentials.

Ram-Clearwater Study Area

82N 16, 82O 13
83B 2, 3, 4, 5, 6, 83C 1, 8

Brazeau - Pembina Study Area

83B 13, 14, 83C 9, 15, 16, 83F 1, 83G 3, 4

Jean D'Or Prairie Study Area

84J 3, 4, 5, 6, 11, 12

Chungo - Cline - Nordegg Study Area

82N 15
83C 1, 2, 7, 9, 10, 15, 16

Scale 1:50 000

Dimensions 75 cm x 90 cm (29.5" x 35.5")

Material Diazo (NS)

Order By Series, study area and map sheet number: example,
Forage Inventory Chungo-Cline 83C 1

Price \$3.50 Code 232

Planning and Resource Inventory Maps

Canada Land Inventory (CLI) - Agriculture and Forestry - ALI

The federally produced Canada Land Inventory series is a comprehensive survey of land capability, designed for resource planning relating to agriculture, forestry, recreation, ungulates and waterfowl. The national classification systems were designed through the co-operative efforts of federal and provincial governments and rank land units from Class 1 (highest) to Class 7 (lowest), based on the ability of the land to support the specific resource. Subclasses are also defined to identify limiting factors within classes.

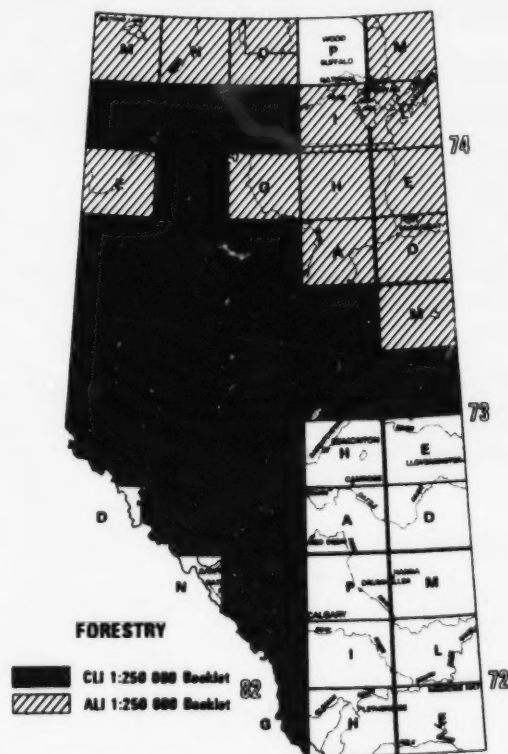
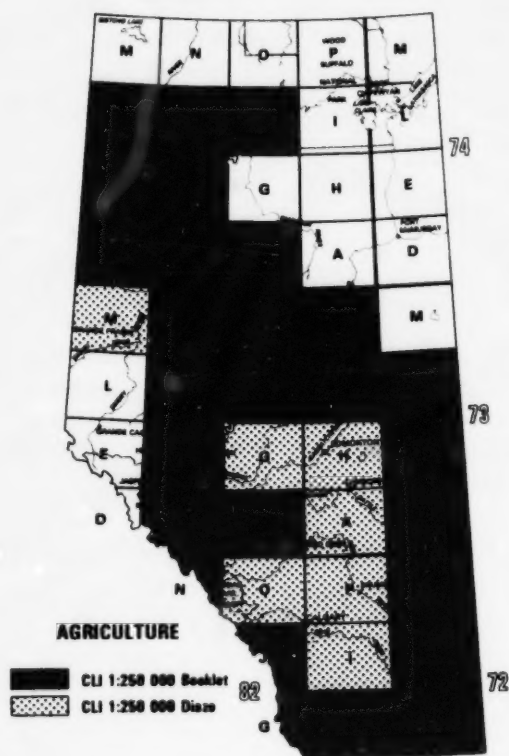
CLI maps at a scale of 1:1 000 000, covering all of Alberta, are available for the following capabilities: forestry,

recreation, ungulates, waterfowl, sport fish and critical capability areas. CLI maps at a scale of 1:50 000 are available for some areas in Alberta. Contact MAPS ALBERTA for series coverage information.

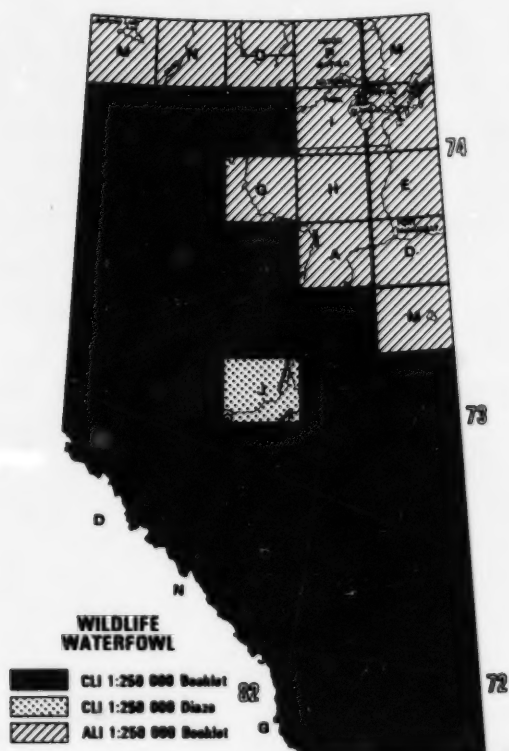
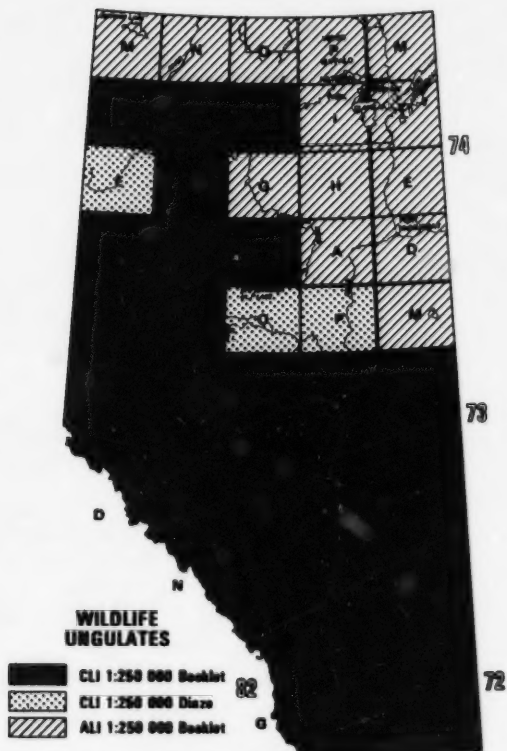
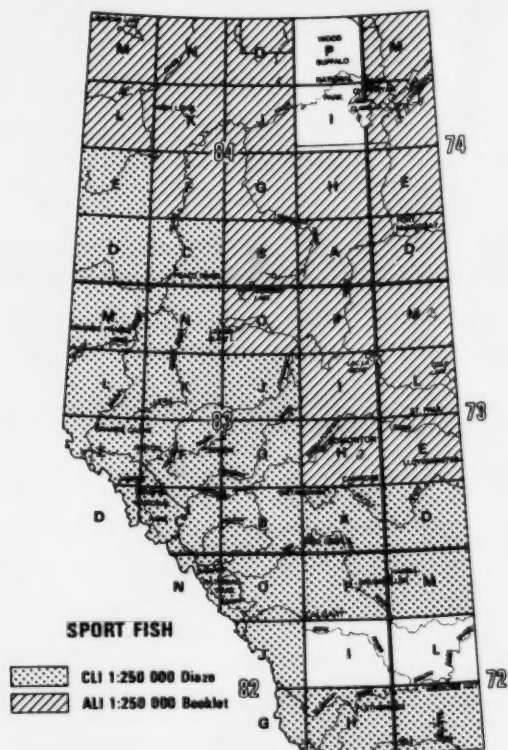
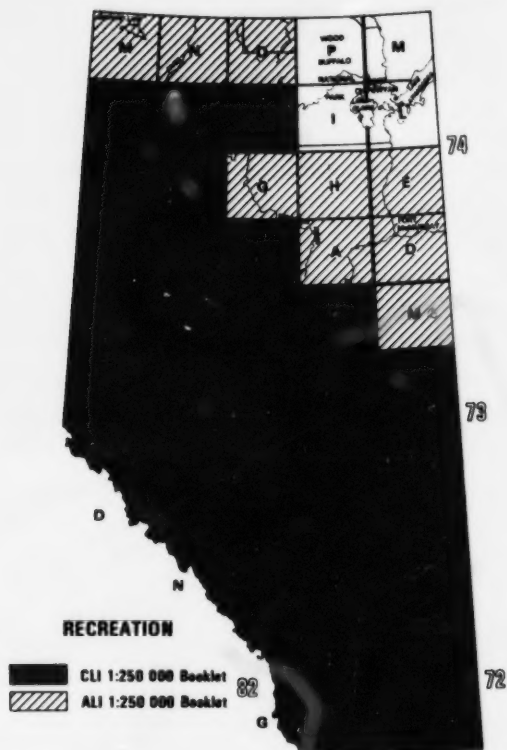
The provincially produced Alberta Land Inventory series is a continuation and completion of the CLI series. These maps are generally available only for those areas not already covered by a CLI map; however, ALI furbearer capabilities have been completed for both red squirrel and beaver/muskrat in blocks 73L, 74D and 83L.

Series	Scale	Material	Price	Code
CLI	1:1 000 000	Paper (5 Colors) - Booklet	\$4.00	480
CLI	1:250 000	Paper (5 Colors) - Booklet	\$4.00	481
CLI	1:250 000	Diazo (NS)	\$1.50	482
CLI	1:50 000	Diazo (NS)	\$1.50	483
ALI	1:250 000	Paper (Monochrome)	\$3.00	211

Order By Scale, series and map sheet number: example,
1:250 000 CLI Agriculture 83A



Planning and Resource Inventory Maps



Overlays

Overlays are clear transparencies that, when used with maps of the same scale, can assist with interpretation or provide additional information. Overlays are produced in all common metric map scales. In addition to the overlays listed below, MAPS ALBERTA also stocks a selection of older imperial measure overlays.

Order By Scale or size and name: example, 1:50 000 Township Overlay

Township Overlays

Township overlays outline the quarter sections and sections within a township. By placing the overlay along the township boundary, individual sections, quarter sections and, on some overlays, LSDs, can readily be identified.

	Price	Code
Metric Multi-Grid (includes 1:1 000 000 1:500 000, 1:250 000, 1:100 000)	\$2.00	912
1:50 000	\$3.25	915
1:40 000	\$3.75	916
1:25 000	\$7.00	921

Area Grids (Dot Grids)

Also known as "dot grids" these overlays consist of regularly spaced dots in a grid pattern. They are used to estimate area by counting the dots that fall within a sample area, then multiplying by a conversion factor supplied on the overlay.

	Price	Code
Modified Acreage (various scales)	\$3.75	916
Modified Hectare (various scales)	\$3.75	916
1:50 000	\$3.25	915
1:15 000 Acreage	\$5.50	919
1:15 000 Hectare	\$4.25	917

Scale Rulers

Scale Rulers enable quick calculation of distances with no need to convert measurements, as the rulers are already calibrated in either miles or kilometres.

	Price	Code
1:1 000 000	\$1.50	911
1:500 000	\$1.50	911
1:250 000	\$1.50	911
1:50 000	\$1.50	911
1:15 000	\$1.50	911

Protractors

Protractors are simply a clear circle graduated in degrees around a marked centre. By overlaying the protractor on a desired point and aligning the compass directions with those on the map, bearings to and from a point can be calculated. Adhesive-backed protractors are also available for permanent mounting on a specific point.

	Price	Code
8 cm (adhesive available)	\$1.50	911
13 cm (adhesive available)	\$2.00	912
15 cm (adhesive available)	\$2.50	913

Survey Plans and Information

Township Plan, Baseline Plan, East Outline Plan

Details bearings, distances and monuments.

Order By Legal Description: example, Township 40, Range 12, West of 4th Meridian.

Price \$1.00 **Code** 250

Settlement Plan

Details bearings, distances and monuments for those settlements where land was divided before the implementation of the survey grid.

Order By Name: example, Victoria Settlement

Price \$3.00 **Code** 252

Index to Alberta Township Survey Plans

This publication lists the available township, baseline, east outline and settlement plans. The approval date and edition number of each plan are also listed.

Price \$5.00 **Code** 909

Boundary Plan

Identifies the location of interprovincial or international boundary monuments. These diagrams may also include elevation profiles, contours, triangulation stations, bearings and distances.

Price \$3.00 **Code** 275

Special Interest Maps

Alberta in the World (Political)

An azimuthal projection of the world from a perspective above Edmonton. Also shows great circle distances at 1 000 mile intervals.

Scale 1:63 000 000

Dimensions 72 cm x 77 cm (28" x 30")

Material Paper (8 Colors)

Price \$3.50 **Code** 273

Forest Protection Area

Shows the Alberta Forest Service management administrative areas for forest fire control in the province.

Scale 1:1 500 000

Dimensions 53 cm x 91 cm (21" x 36")

Material Paper (4 Colors)

Price \$4.00 **Code** 123

Public Lands General Classification Map (Green Area)

Used for the administration of public lands; identifies forested lands not available for agricultural development other than grazing.

Scale 1:1 500 000

Dimensions 53 cm x 91 cm (21" x 36")

Material Paper (4 Colors)

Price No Charge

Fire Suppression Priorities

Shows a general overview of areas of priority for forest fire fighting in the province.

Scale 1:1 500 000

Dimensions 53 cm x 91 cm (21" x 36")

Material Paper (4 Colors)

Price \$4.00 **Code** 124

Special Interest Maps

Oil Sands Agreements Map

Shows oil sands leases and dispositions. This map has no statutory nor regulatory sanctions and is subject to change without notice.

Scale 1:750 000

Dimensions 101 cm x 71 cm (40" x 28")

Material Paper (6 Colors)

Price \$7.50 Code 905

Rural Gas Utilities Franchise Areas

Identifies the various privately owned utilities and member-owned co-operatives responsible for natural gas distribution in the province.

Dimensions 88 cm x 55 cm (34.5" x 21.5")

Material Paper (6 Colors)

Price \$5.00 Code 288

Railway Networks

Shows railway lines, operators and stations.

Scale 1:750 000

Dimensions 94 cm x 177 cm (37" x 70")

Material Diazo

Price \$8.00 Code 164

Historical Road Maps of Alberta

Black-line reproductions of road maps from Alberta's formative years: 1923, 1924, 1932, 1934, 1941, 1950, 1951, 1953 and 1961.

Scale Various

Dimensions Various

Material Diazo (NS)

Order By Name and Year

Price \$3.00 Code 253

Population Enumeration Maps

The following maps provide population figures based on census data, either by township and incorporated place, or by enumeration areas. An additional map, showing 1986 enumeration areas but without population figures, is also available.

	Price	Code
1981 Population by Enumeration	\$8.00	166
1981 Population by Township	\$8.00	167
1986 Population by Township	\$8.00	167
1986 Enumeration Areas	\$8.00	168

Scale 1:750 000

Dimensions 94 cm x 177 cm (37" x 70")

Material Diazo

Order By Scale and name: example, 1:750 000 1986
Population by Township

Alberta Relief Map

A colorful map which illustrates relief through the use of both elevation tints and contours. Includes hydrography, cities and towns, but no access information.

Scale 1:1 000 000

Dimensions 80 cm x 135 cm (31" x 53")

Material Polyester (5 Colors)

Price \$10.50 Code 140

Protective Map Covers

These protective map covers help keep your maps dry in all weather conditions. Made from a heavy, 10-gauge transparent vinyl, these covers feature heat-sealed edges and a waterproof vinyl zipper. There are two heat-sealed grommets that allow the cover to be tied down or hung when required.

Size	Price	Code
Small (10" x 16")	\$7.00	925
Medium (18" x 24")	\$10.00	926
Large (24" x 36")	\$15.00	927

Special Interest Maps

LANDSAT Mosaic

A satellite view of Alberta compiled from LANDSAT images.

Scale 1:1 500 000 approx.

Dimensions 56 cm x 94 cm (22" x 37")

Material Polyester (5 Colors)

Price \$4.50

Code 046

Satellite Posters

These images are reconstructed from LANDSAT 5 digital data. LANDSAT 5 is a remote sensing satellite orbiting the earth at a distance of 700 km. The posters are not photographs, but digital processing of the data gives the images a natural, photographic appearance. Satellite posters are available for the following areas:

Calgary/Banff	90 cm x 60 cm
Desolation Sound, B.C.	65 cm x 100 cm
Montreal	90 cm x 60 cm
Ottawa	65 cm x 50 cm
Portland/Mount St. Helens	65 cm x 100 cm
Puget Sound	65 cm x 100 cm
San Francisco	65 cm x 100 cm
South-West British Columbia	65 cm x 100 cm
Toronto	60 cm x 100 cm
Victoria/Bellingham	70 cm x 55 cm

Price \$15.00

Code 295

\$20.00 (Laminated)

Code 296

LRIS Video

"A Network of Opportunities" is the title of this video which focuses on the need for a comprehensive Land Related Information System in the province. Available in VHS or Beta format.

Price \$25.00

Code 945

Map Reading

This informative book teaches individuals how to read and use both maps and aerial photographs. Included in the book are extracts from federal NTS maps and a glossary containing over 75 geographic terms. 143p.

Price \$7.00

Code 948

Historical Maps-Terra Incognita

"From Terra Incognita To The Prairie West: A Map Exhibit", is a catalogue of the historical map exhibit held at the Provincial Museum of Alberta in 1988. The catalogue includes small scale reproductions, historical notes and information on the maps featured in the exhibit. The maps span the period from 1566 to the present, reflecting an increasing knowledge of the new world. 59p.

Price \$17.00

Code 981

Geographical Names of Alberta

Two versions of the gazetteer are available. Both provide a comprehensive listing of Alberta place names, including physical features (creeks, lakes, mountains, etc.), in alphabetic order. The short listing indicates the name, type of feature and legal location, while the long listing indicates map sheet number, geographic co-ordinates (latitude and longitude) and the source of the information in addition to the name, type of feature and legal location.

	Price	Code
Short Listing	\$15.00	955
Long Listing	\$30.00	956

British Columbia Maps

A recently completed agreement with Maps-BC allows MAPS ALBERTA to retail maps produced by the Government of British Columbia. While the following is by no means a complete listing of

Maps-BC products, it includes the most popular provincial base and special interest mapping produced by the British Columbia government.

Provincial

British Columbia - Planimetric 1J

This base map of British Columbia features an inset of the lower mainland area and Saanich Peninsula. Also featured is a road distance chart, showing distances between principal B.C. towns. The map shows hydrography, cities, towns, roads, railways, ferry routes and parks.

Scale 1:2 000 000

Dimensions 74 cm x 91 cm (29" x 36")

Material Paper (5 Colors)

Price \$4.50 Code 551

British Columbia - NTS Grid 1JNT

In addition to the information shown on British Columbia - Planimetric 1J, the National Topographic System grid, used for ordering more detailed map sheets, is highlighted.

Scale 1:2 000 000

Dimensions 74 cm x 91 cm (29" x 36")

Material Paper (3 Colors)

Price \$4.50 Code 551

British Columbia - Relief 1JR

An attractive map of British Columbia illustrating relief through the use of elevation tints. Map insets include a mean annual precipitation chart and mean daily temperature charts. Basic information shown includes hydrography, cities, towns, roads, railways and parks.

Scale 1:2 000 000

Dimensions 74 cm x 91 cm (29" x 36")

Material Paper (7 Colors)

Price \$5.00 Code 553

British Columbia - Regional Series 1:600 000

A series of six maps covering the entire province. Terrain is depicted through the use of shaded relief. The maps also show hydrography, cities, towns, roads, trails, railways and parks. Refer to the index map on page 28 for map sheet coverage information.

Scale 1:600 000

Dimensions 81 cm x 104 cm (32" x 41")

Material Paper (5 Colors)

Price \$6.00 Code 556

Regional Maps

Vancouver Island SGS1

An attractive relief map of the island using both elevation tints and relief shading to represent terrain. The map shows hydrography, cities, towns, roads, railways, ferry routes and parks. A large-scale inset of the Saanich Peninsula is included as are historical notes on shipwrecks and sketches of native artifacts.

Scale 1" = 6 miles

Dimensions 76 cm x 107 cm (30" x 42")

Material Paper (7 Colors)

Price \$6.50 Code 557

Vancouver - Kamloops SGS2

A companion to Vancouver Island SGS1, this map uses both elevation tints and relief shading to represent terrain. The map shows hydrography, cities, towns, roads, railways, ferry routes and parks. Historical notes and sketches of native artifacts are also featured.

Scale 1:400 000

Dimensions 74 cm x 107 cm (29" x 42")

Material Paper (7 Colors)

Price \$6.50 Code 557

British Columbia Maps

Regional Maps

Peace River Regional Map RM1

Shows hydrography, relief, cities, towns, roads, trails, seismic lines, railways, land survey and parks in the Dawson Creek - Fort St. John region.

Scale 1:250 000

Dimensions 81 cm x 107 cm (32" x 42")

Material Paper (6 Colors)

Price \$5.00

Code 555

Parksville - Tofino Regional Map RM2

Shows hydrography, relief, cities, towns, roads, railways, surveyed lands, reserved lands, parks and Indian reserves along the south west coast of Vancouver Island. In addition, recreational feature such as seaplane landings, boat launching sites, ski areas and campgrounds are shown.

Scale 1:125 000

Dimensions 81 cm x 107 cm (32" x 42")

Material Paper (6 Colors)

Price \$5.00

Code 555

Park Maps

Park maps have been compiled for several of the larger, more popular provincial parks in British Columbia. These medium and large scale maps provide a good general overview of trails and terrain features within each provincial park.

Bowron Lakes Provincial Park PSB2

Scale 1:63 360

Dimensions 71 cm x 86 cm (28" x 34")

Material Paper (3 Colors)

Price \$4.50

Code 552

Manning Provincial Park PSM1

Scale 1:50 000

Dimensions 76 cm x 112 cm (30" x 44")

Material Paper (4 Colors)

Price \$4.50

Code 552

Mount Robson Provincial Park PSR2

Scale 1:125 000

Dimensions 76 cm x 79 cm (30" x 31")

Material Paper (4 Colors)

Price \$4.50

Code 552

Wells Gray Provincial Park PSWG3

Scale 1:125 000

Dimensions 86 cm x 61 cm (34" x 24")

Material Paper (4 Colors)

Price \$5.00

Code 554

The special nature of Bowron Lakes Provincial Park and the West Coast Trail section of Pacific Rim National Park has created the need for special waterproof editions of these park maps. The maps are printed on both sides of a polyester coated, waterproof paper. Both maps fold up accordian style to a compact size for hiking/canoeing. In addition to the excellent detail provided by these maps, notations are made concerning specific hazards along the respective routes.

Bowron Lakes Canoe Routes CR1

Scale 1:50 000

Dimensions 27 cm x 89 cm (10.5" x 35")

Material Waterproof Paper (Monochrome)

Price \$4.00

Code 550

West Coast Trail WCT2

Scale 1:50 000

Dimensions 27 cm x 89 cm (10.5" x 35")

Material Waterproof Paper (Monochrome)

Price \$4.00

Code 550

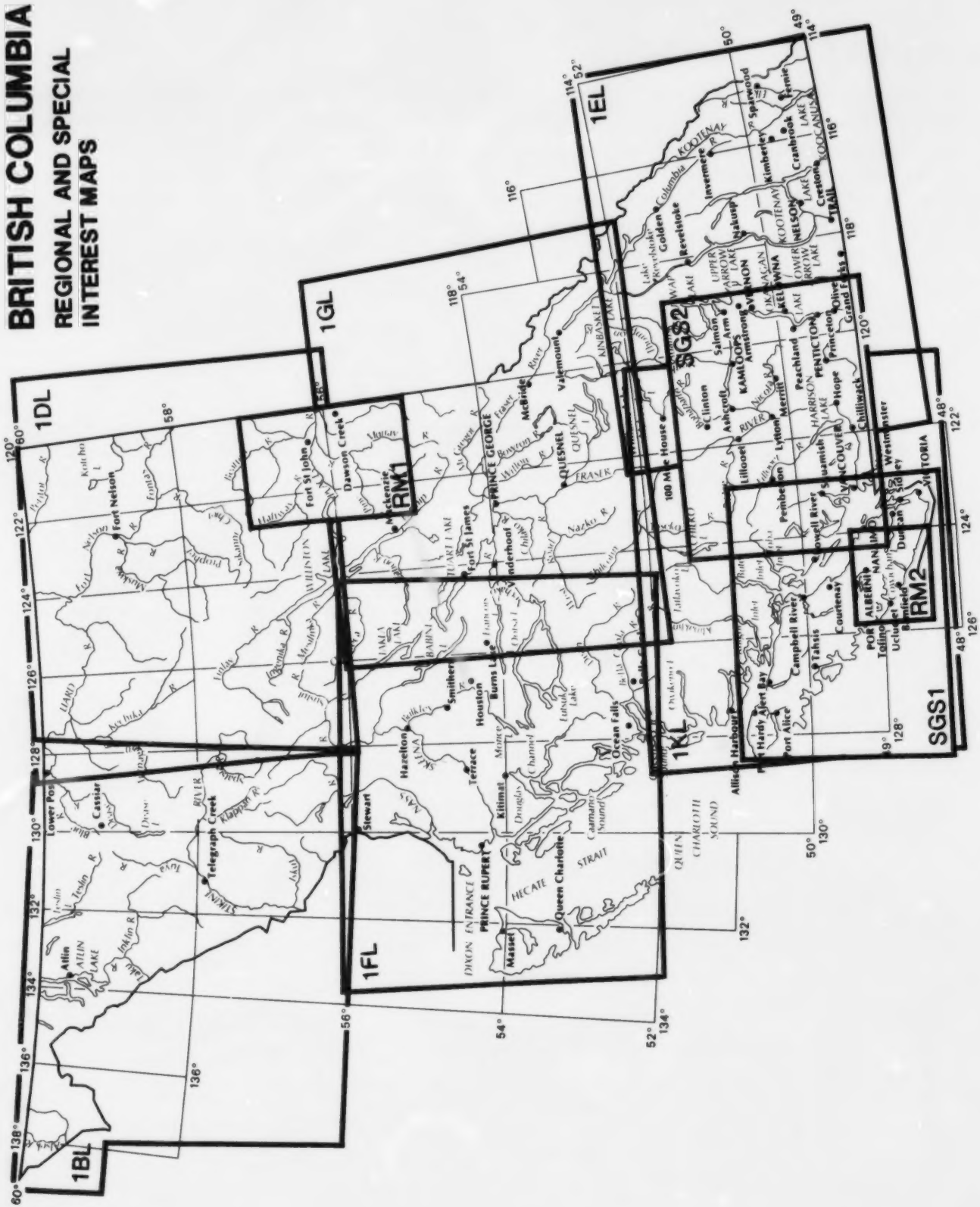
BRITISH COLUMBIA

REGIONAL AND SPECIAL INTEREST MAPS

The map displays the following regions and their approximate locations:

- 1BL**: Located in the northwest corner, covering the Bulkley and Skeena river valleys.
- 1DL**: Located in the north-central part, covering the Fort St. John and Dawson Creek areas.
- 1FL**: Located in the southwest, covering the Fraser Valley and the Gulf Islands.
- 1GL**: Located in the central part, covering the Kamloops and Kelowna areas.
- 1EL**: Located in the northeast, covering the Kootenay and Okanagan valleys.
- 1KL**: Located in the south-central part, covering the Victoria and Nanaimo areas.
- RM1**: A small region in the north-central part, covering the Fort St. John area.
- RM2**: A small region in the south-central part, covering the Victoria area.
- SGS1**: A small region in the southwest, covering the Gulf Islands.
- SGS2**: A small region in the northeast, covering the Kootenay area.

The map also shows major cities and towns, including Fort St. John, Dawson Creek, Kamloops, Kelowna, Victoria, Nanaimo, and the Gulf Islands. Rivers and lakes are labeled throughout the province. The map is bordered by the United States to the west and south, and the Yukon and Northwest Territories to the north.



Section 2: Federally Published Maps

Maps of Canada, North America and the World

Wall Maps

These maps have been grouped in three broad categories based on the type of information shown. Physical maps provide a generalized impression of the terrain, either through the use of elevation tints or relief shading. Major cultural features such as cities, highways and political boundaries may also be

shown. Political maps highlight important political divisions and show cultural features such as major cities and highways. Outline maps are generally very simple, often showing little more than basic hydrography, although some may include cultural features.

Map #	Scale	Dimensions	Price	Code
Physical				
MCR 81 - Canada	1" = 250 miles	44 cm x 36 cm	\$1.50	434
MCR 88 - Canada	1:7 500 000	104 cm x 81 cm	\$3.00	432
MCR 125 - Canada	1:5 000 000	135 cm x 118 cm	\$8.00	424
MCR 128 - Canada	1:7 500 000	91 cm x 80 cm	\$5.50	418
MCR 4032 - Canada	1:7 500 000	91 cm x 80 cm	\$5.50	418
Political				
MCR 5 - Canada (6 sheets)	1:2 000 000	300 cm x 260 cm	\$4.00 ea	430
MCR 15 - Canada	1" = 140 miles	76 cm x 66 cm	\$2.50	433
MCR 18 - Canada	1" = 250 miles	45 cm x 40 cm	\$1.25	438
MCR 31 - North America	1:10 000 000	82 cm x 100 cm	\$5.00	428
MCR 34 - N. Hemisphere	1" = 300 miles	46 cm x 53 cm	\$2.50	433
MCR 46 - World	1:35 000 000	122 cm x 80 cm	\$5.00	428
Outline				
MCR 64 - Canada	1" = 250 miles	43 cm x 35 cm	\$1.25	438
MCR 129 - Canada	1:7 500 000	91 cm x 80 cm	\$4.00	430
MCR 130 - Canada	1:7 500 000	91 cm x 80 cm	\$4.25	429

Order By Scale and map number: example, 1: 7 500 000
MCR 4032

National Film Board Map of Canada

This map offers a unique perspective of Canada. The original base was generated by computer, showing Canada as it would appear if viewed in late summer from a satellite 1 000 km above Texas. Reproductions of this map are printed on a durable plastic material in four pieces, totalling 480 cm x 80 cm (approximately 16 ft. x 2.5 ft.) when assembled.

Price \$175.00 **Code** 970

Note: Effective October 1989 most Federal Map prices will increase. Please contact MAPS ALBERTA to confirm prices.

Maps of Other Provinces and Territories

These maps provide a general overview of Canada's provinces and territories, showing major cultural features such as cities, towns, highways, railways, surveyed land, national parks and provincial parks.

	Scale	Dimension	Map #	Price	Code
Atlantic Provinces	1:2 000 000	76 cm x 106 cm	MCR 77	\$5.00	428
British Columbia	1:2 000 000	95 cm x 82 cm	MCR 3	\$5.00	428
Northwest Territories and Yukon	1:4 000 000	126 cm x 100 cm	MCR 36	\$5.00	428
Ontario	1:2 000 000	91 cm x 96 cm	MCR 39	\$5.00	428
Prairie Provinces	1:2 000 000	104 cm x 73 cm	MCR 27	\$5.00	428
Prince Edward Island	1: 250 000	92 cm x 64 cm	MCR 41	\$3.00	432
Quebec	1:2 000 000	91 cm x 107 cm	MCR 42	\$5.00	428
Yukon - Relief	1:1 000 000	102 cm x 127 cm	MCR 25	\$4.00	430
Yukon	1:2 000 000	57 cm x 74 cm	MCR 47	\$3.00	432

Order By Scale, name and map number: example,
1:2 000 000 Atlantic Provinces MCR 77

In addition, topographic maps at a scale of 1:1 000 000, are stocked by MAPS ALBERTA for all areas of the country, as are more detailed topographic maps for limited areas (p. 32-34).

National Park Maps

These medium and large-scale maps provide a general overview of trails and terrain features within each national park. Large-scale topographic

maps (p. 34, 1:50 000 NTS) are also available for national parks and may provide additional information where their scale is superior.

	Scale	Dimensions	Map #	Price	Code
Banff, Yoho and Kootenay	1:200 000	104 cm x 108 cm	MCR 220	\$5.50	418
Glacier and Mount Revelstoke	1: 70 000	135 cm x 107 cm	MCR 219	\$5.50	418
Jasper	1:200 000	135 cm x 107 cm	MCR 221	\$5.50	418
Prince Albert	1:125 000	78 cm x 101 cm	MCR 210	\$3.00	432
Riding Mountain	1:125 000	107 cm x 78 cm	MCR 207	\$3.00	432
Waterton Lakes	1: 50 000	96 cm x 71 cm	MCR 211	\$3.00	432
Waterton Lakes	1: 50 000	104 cm x 108 cm	MCR 222	\$5.50	418

Two additional maps, produced by the Inland Waters Directorate of Environment Canada, focus on a pair of unique areas within Canada's national parks. These maps illustrate

extensive detail on a wide variety of glacial features and include information on the physical environment and hiking in the area.

	Scale	Dimensions	Map #	Price	Code
Columbia Icefields	1:50 000	100 cm x 76 cm	IWD 1011	\$3.50	440
Peyto Glacier	1:10 000	100 cm x 86 cm	IWD 1010	\$3.50	440

Order By Scale, name and map number: example, 1:200 000
Jasper MCR 221

National Atlas of Canada, 5th Edition

The National Atlas of Canada will be available as separate sheets over the next few years. The atlas will consist of a co-ordinated and comprehensive set of maps providing socio-economic, cultural and environmental information on Canada.

Most maps in the series are produced at a 1:7 500 000 scale; however some maps are produced at other scales. Maps marked with an asterisk (*) are not kept in stock, but may be ordered.

Energy Resources

	MCR #
Agricultural Lands	4022
Agriculture - Soil Capability	4023
Coal	4053
Electricity - 1987	4144*
Electricity Generation/Transmission	4069
Energy	4002
Energy and Minerals	4103
Farm Operators	4047*
Fish Hatcheries - Public	4024*
Mineral Commodity Flows	4081*
Pulp and Paper Mills	4101

Physical Climate

	MCR#
Drainage Basins	4055
Drainage Patterns	4128*
Frost Free Period	4037*
Frost - First in Autumn	4036*
Frost - Last in Spring	4035*
Glaciers	4080*
Growing Degree Days	4034*
Heating Degree Days	4033*
Length of Day	4068*
Relief	4097
Solar Radiation - Annual	4076
Solar Radiation - Dec and June	4077*
Solar Radiation - Apr and Oct	4078*
Temperature - Jan and July	4058*
Temperature - Apr and Oct	4059*
Wetlands - Distribution	4107*
Wetland Regions	4108*

Transportation Networks

	MCR #
Air Transportation	4102
Pipelines - Natural Gas	4049
Pipelines - Oil	4048
Railway Transportation	4070
Road Transportation	4050
Telecommunications Systems	4105*
Water Transportation	4112*

Cultural/Historical

	MCR #
Census Divisions/Subdivisions	4000
Confederation	4001
Geostatistical Areas - 1981	4098
Indian and Inuit Communities/Languages	4001
Indian and Inuit Communities - Prairies	4028
Indian and Inuit Population Distribution	4031
Northwest Campaign - 1885	4106*
Parliament - 1st	4093
Parliament - 33rd	4110*
Political Divisions	4119*
Territorial Evolution	4060
Time Zones	4056

Scale 1:7 500 000

Dimensions 91 cm x 80 cm

Material Paper (3 - 8 Colors)

Order By Name and MCR #: example, Relief MCR 4097

Price \$5.50 Code 418

Canada Then and Now

This is a set of three maps from the National Atlas of Canada series which traces the nation's growth from 1867 to the present. The set is enclosed in a folder and the maps are folded. If the maps are required flat, they must be purchased separately from the National Atlas of Canada series (MCR 4032, MCR 4051, MCR 4060).

Price \$5.95 Code 456

Canada in Motion

This is a set of four maps from the National Atlas of Canada series, depicting Canada's major transportation networks. The set is enclosed in a folder and the maps are folded. If the maps are required flat, they must be purchased separately from the National Atlas of Canada series (MCR 4050, MCR 4070, MCR 4102, MCR 4112).

Price \$10.00 Code 457

Topographic Maps

International Maps of the World (IMW) 1:1 000 000

This series was designed primarily as a base map for aeronautical charts and was produced to United Nations specifications. Map sheet numbers, therefore, do not follow the NTS grid reference. The maps provide a generalized representation of physical and cultural features. Relief is represented by a combination of elevation tints and contour lines (100 m - 500 m interval). Also shown are major hydrographic features, population centres, major road and rail lines, legal survey, Indian reserves, national parks and major provincial parks.

Scale 1:1 000 000

Dimensions Various

Material Paper (5 Colors)

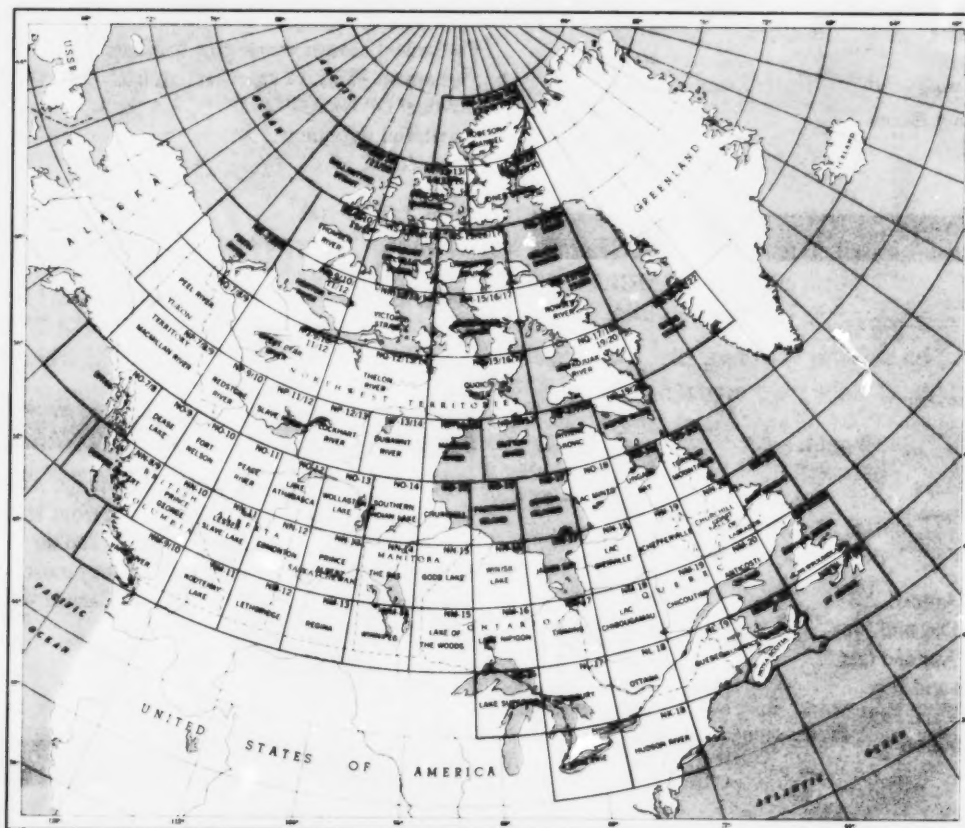
Series Coverage 74 maps

Order By Scale, series and map sheet number: example,

1:1 000 000 IMW NN-11

Price \$4.50

Code 401



Publications

The Universal Transverse Mercator Grid as Applied to NTS

Maps of Canada

Price \$0.50

Code 951

How a Topographic Map Is Made

Price \$1.00

Code 953

Topographic Maps

National Topographic Series N 1:250 000

A medium-scale representation of physical and cultural features in which some generalization has been done. Illustrates relief with contours (100 ft. - 500 ft. interval depending on area), hydrographic features (e.g., lakes, rivers, falls, rapids, swamps, etc.) and wooded areas. Cultural features depicted include population centres, road and rail networks, transmission and pipelines, legal survey and political boundaries (e.g., provincial, Indian reserves, parks, etc.).

Scale 1:250 000

Dimensions 57.2 cm x 73.7 cm (22.5" x 29")

Material Paper (6 Colors)

Series Coverage 469 maps

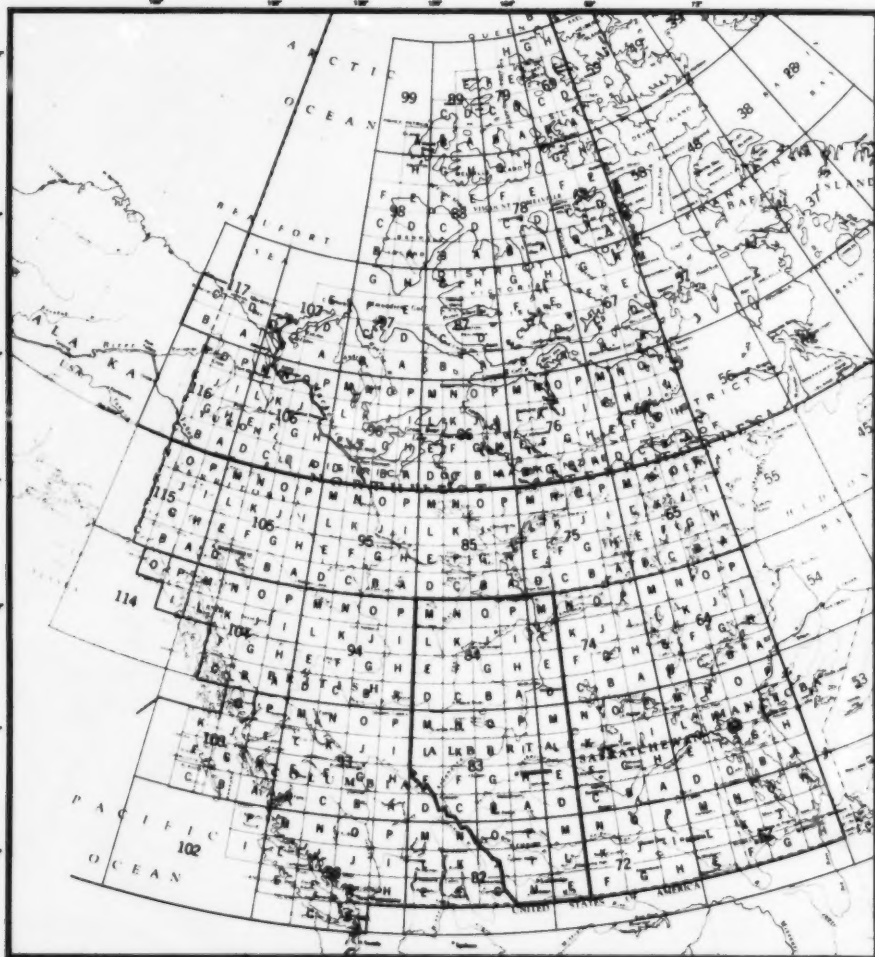
Order By Scale, series and map sheet number: example,

1:250 000 NTS 83H

Price \$4.50

Code 403

Note: Although this series includes the same basic information as the 1:50 000 NTS (p. 34), it is not as comprehensive. For example, a small creek shown at the 1:50 000 scale may not be shown at the 1:250 000 scale.



Topographic Maps

National Topographic Series (NTS) 1:50 000

A detailed representation of both physical and cultural features. Illustrates relief with contours (25 ft. - 100 ft. interval depending on area), hydrographic features (e.g., lakes, rivers, falls, marshes, etc.) and wooded areas. A wide variety of cultural features are also depicted such as population centres, road and rail networks, trails, transmission and pipelines, legal survey, political boundaries (e.g., provincial, Indian reserves, parks etc.) and significant structures (e.g., schools, churches, towers, farm buildings, etc.).

Scale 1:50 000

Dimensions 90.9 cm x 64.5 cm (36" x 25.5")

Material Paper (6 Colors)

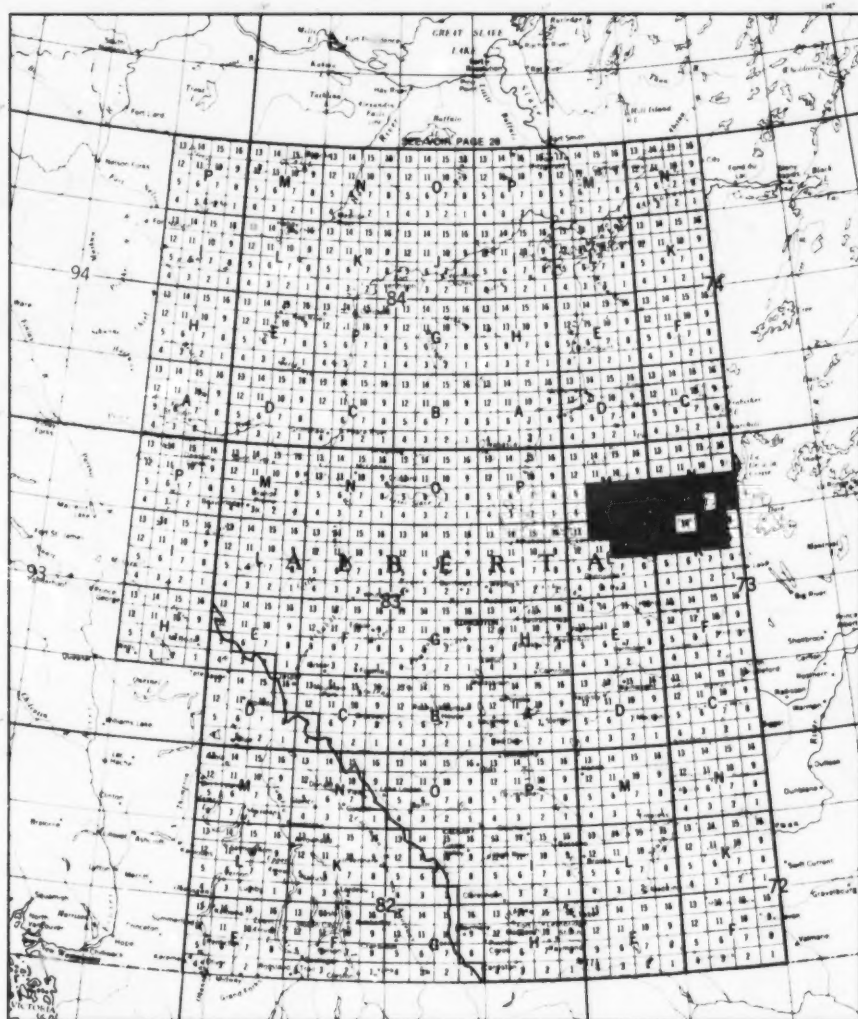
Series Coverage 1 168 maps

Order by Scale, series and map sheet number: example,
1:50 000 NTS 83H 12

Price \$4.50

Code 404

Note: Photo maps are not a stock item, but can be specially ordered from Ottawa.



Topographic Maps

National Topographic Series (NTS) 1:25 000

A large-scale representation of physical and cultural features. Relief is illustrated by contours (10 ft. interval). Also shown are hydrographic features, population centres, road and rail networks, legal survey, political boundaries and significant structures.

Note: The areas shown below are the only areas covered by this scale in the province. There are no plans for further expansion or updates in this series.

Scale 1:25 000

Dimensions 73.5 cm x 57 cm (29" x 22.5")

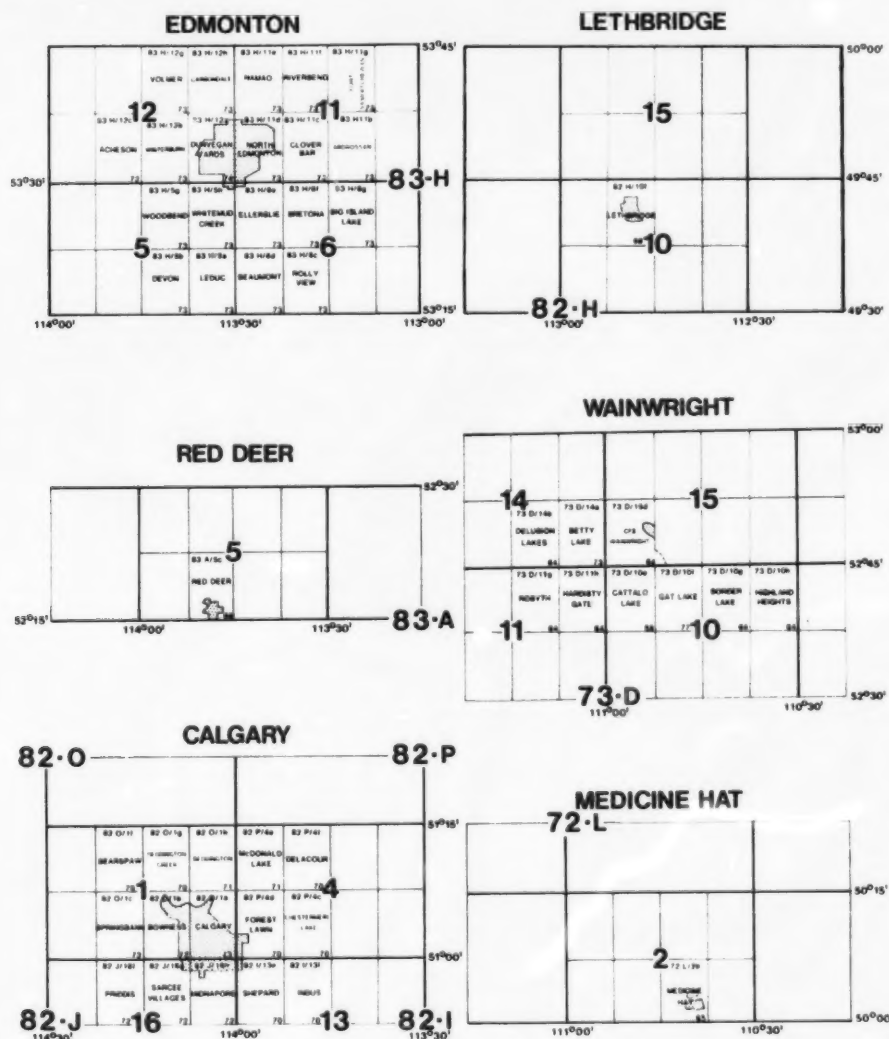
Material Paper (5 Colors)

Series Coverage 47 maps

Order By Scale, series and map sheet number: example,
1:25 000 NTS 83H 11g

Price \$3.00

Code 406



Aeronautical Charts

World Aeronautical Charts (WAC)

The purpose of these maps is to serve the requirements of visual navigation for medium-speed and medium-range operations. Aerodromes shown are a minimum 50 feet wide by 1 500 feet long. Also shows all pertinent aerodrome data, airspace information, radio aids to navigation, air/ground communications and elevations (elevation tints and contours).

Scale 1:1 000 000

Dimensions Various

Material paper (6 Colors)

Series Coverage 18 maps

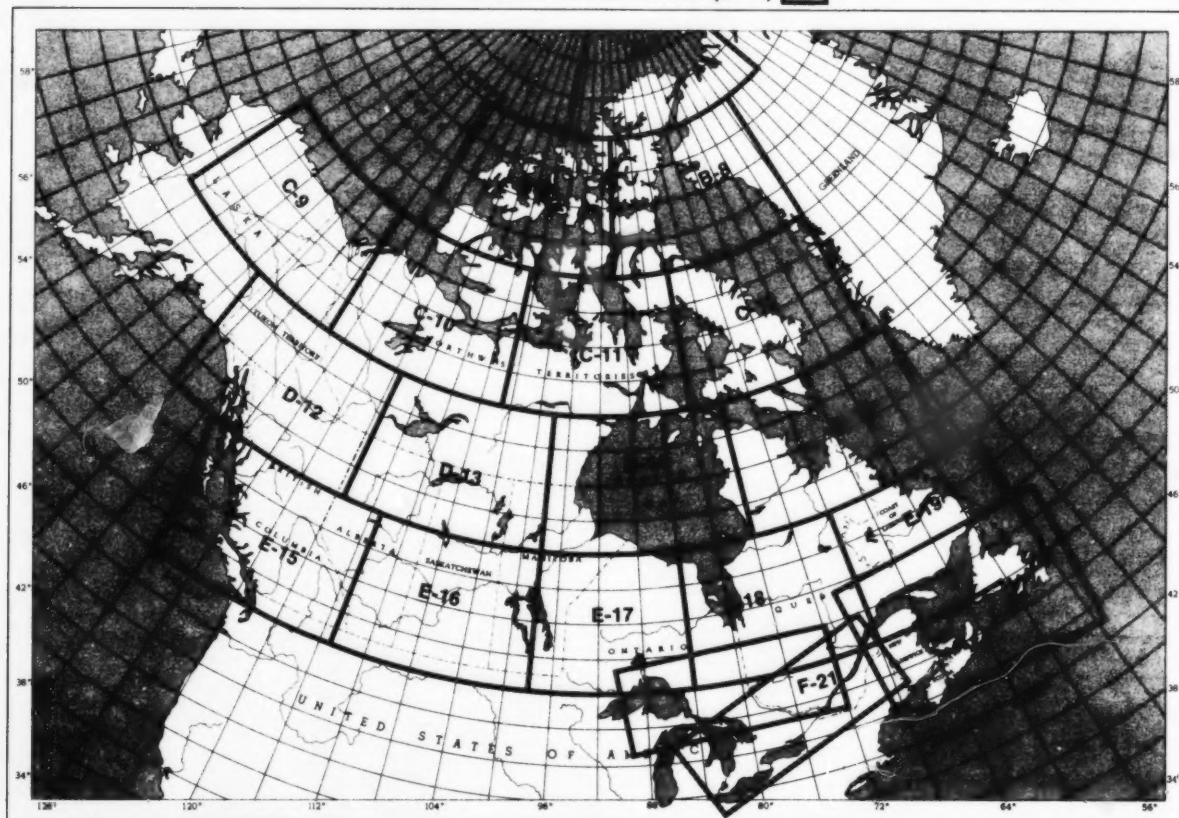
Order By Scale, series and map sheet number: example,

1:1 000 000 WAC E-16

Price \$5.50

Code 411

WORLD AERONAUTICAL CHARTS (WAC)



Produced by the Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, Canada

Établi par la Direction des levés et de la cartographie, ministère de l'Énergie, des Mines et des Ressources, Ottawa, Canada

Canada

Aeronautical Charts

Canadian Pilotage Charts (CPCs) VFR Navigational Charts (VNCs)

The purpose of these maps is to serve the requirements of visual navigation for low-speed, short and medium-range operations. This series is also suitable for basic pilotage and navigation training. Aerodromes shown are a minimum 50 feet wide by 1 500 feet long. Also depicts all pertinent aerodrome data, airspace information, radio aids to navigation, air/ground communications and elevations (elevation tins and contours).

Note: Canadian Pilotage Charts are being replaced by VFR Charts.

VFR Navigational Charts (VNC)

Scale 1:500 000

Dimensions Various

Material Paper (8 Colors)

Series Coverage 43 maps

Order By Scale, series and map sheet number: example,
1:500 000 VNC AIR 5015

Price \$5.50

Code 415

Canadian Pilotage Charts (CPC)

Scale 1:500 000

Dimensions Various

Material Paper (8 Colors)

Series Coverage 38 maps

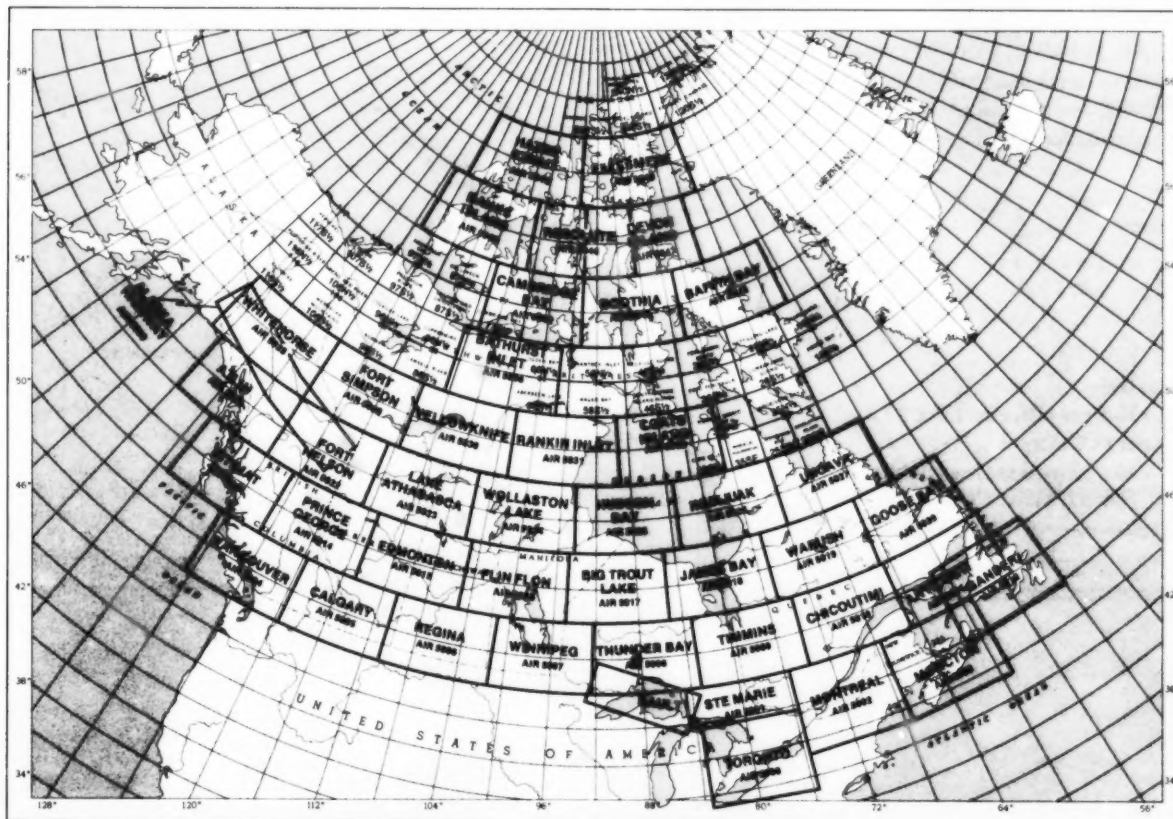
Order By Scale, series and map sheet number: example,
1:500 000 CPC 35SE

Price \$4.50**Code** 412

VFR NAVIGATION CHARTS (VNC)



CANADIAN PILOTAGE CHARTS (CPC)



Aeronautical Charts

Aeronautical Planning and Plotting Charts

These planning and plotting charts provide flight planning and navigational information suitable for medium and long-range flights over Canada and adjacent territories. The charts depict

physical and cultural features of navigational significance, radio navigation aids, aerodromes, Air Defence Identification Zones, oceanic control zones and special-use airspace.

Chart Name	Chart #	Scale
Canadian Aeronautical Planning Chart	AIR 1601	1:5 000 000
Canadian Polar Plotting Chart	AIR 1602	1:3 000 000
Canada - NW Europe Plotting Chart	AIR 1603	1:6 000 000
North Atlantic Plotting Chart	AIR 1610	1:5 000 000
Canadian Navigation Plotting Charts		
1G Eastern Canada	AIR 1621	1:3 000 000
2G Western Canada	AIR 1622	1:3 000 000
3G Northern Canada	AIR 1623	1:3 000 000

Scale Various

Dimensions Various

Material Paper (2-4 Colors)

Order By Scale, name and number: example, 1:3 000 000

Canadian Polar Plotting Chart AIR 1602

Price \$3.00 **Code** 414

VFR Terminal Area Charts (VTA)

This series provides pilots with a large-scale chart of the terminal areas to supplement information shown on 1:500 000 and 1:1 000 000 aeronautical charts. The purpose of these charts is to provide for the safe separation of VFR and IFR traffic.

Chart Name	Chart #
Toronto	AIR 1900
Vancouver	AIR 1901
Winnipeg	AIR 1902
Montreal	AIR 1903

Scale 1:250 000

Dimensions 58.5 cm x 56 cm (23" x 22")

Material Paper (8 Colors)

Order By Scale, series and chart number: example,

1:250 000 VTA, AIR 1901

Price \$4.50 **Code** 416

Nautical Charts

Shows bearings, soundings, heights, lake and river resolutions, monthly water levels, buoy markers, radar reflectors, track, mileage, beacon range, port and starboard targets, rocks, rapids and shoals.

Note: Users should update their nautical chart information through "Weekly Notice to Mariners" pamphlets and purchase new editions of the maps when advertised.

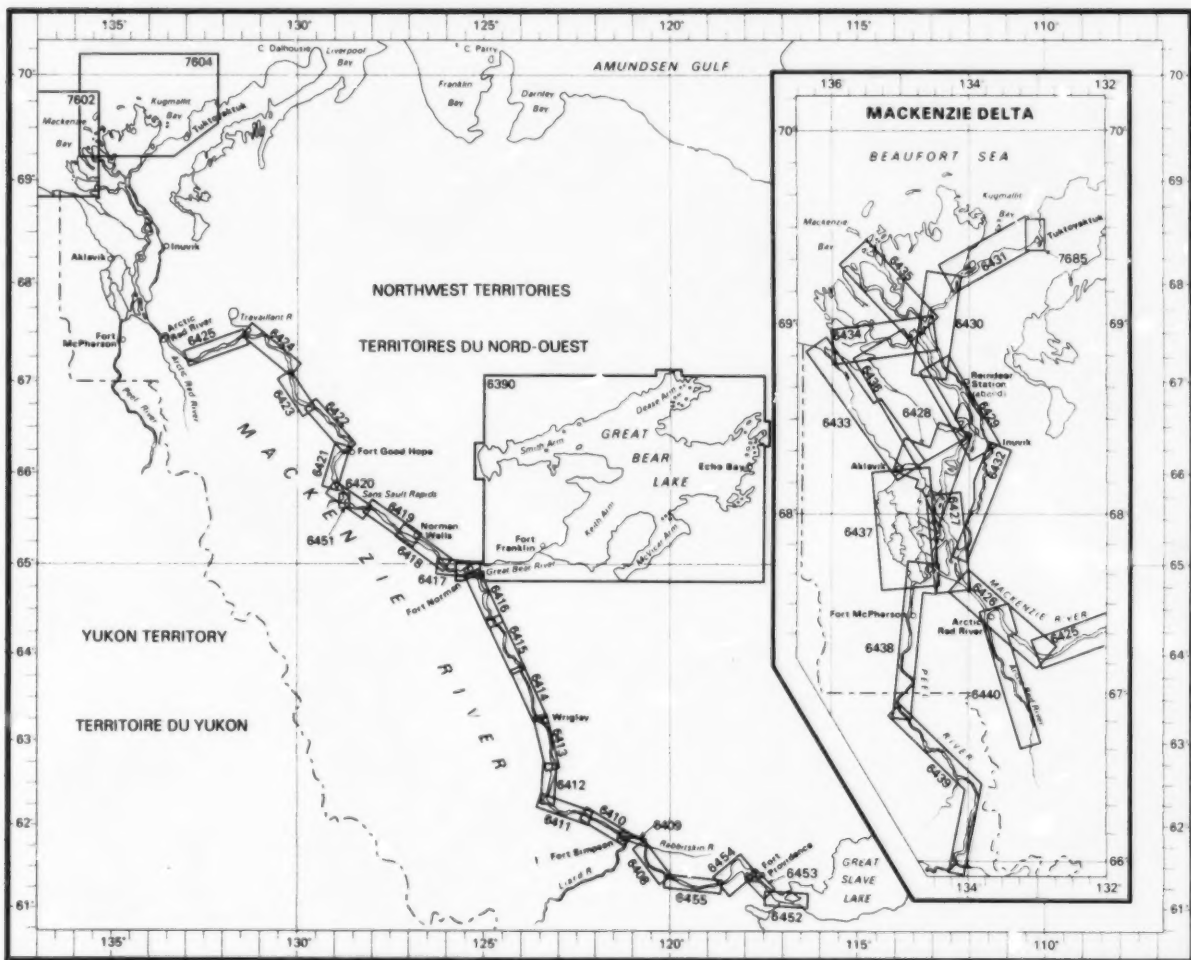
Chart #	Price	Code
6301	\$18.00	461
6302	\$12.00	462
All Others	\$11.00	460

Scale Various

Dimensions Various

Material Paper (3 Colors)/Diaz

Order By Chart number: example, 46302



Printed by Surveys and Mapping Branch, Department of Energy, Mines and Resources

Nautical Charts

Nautical Publications

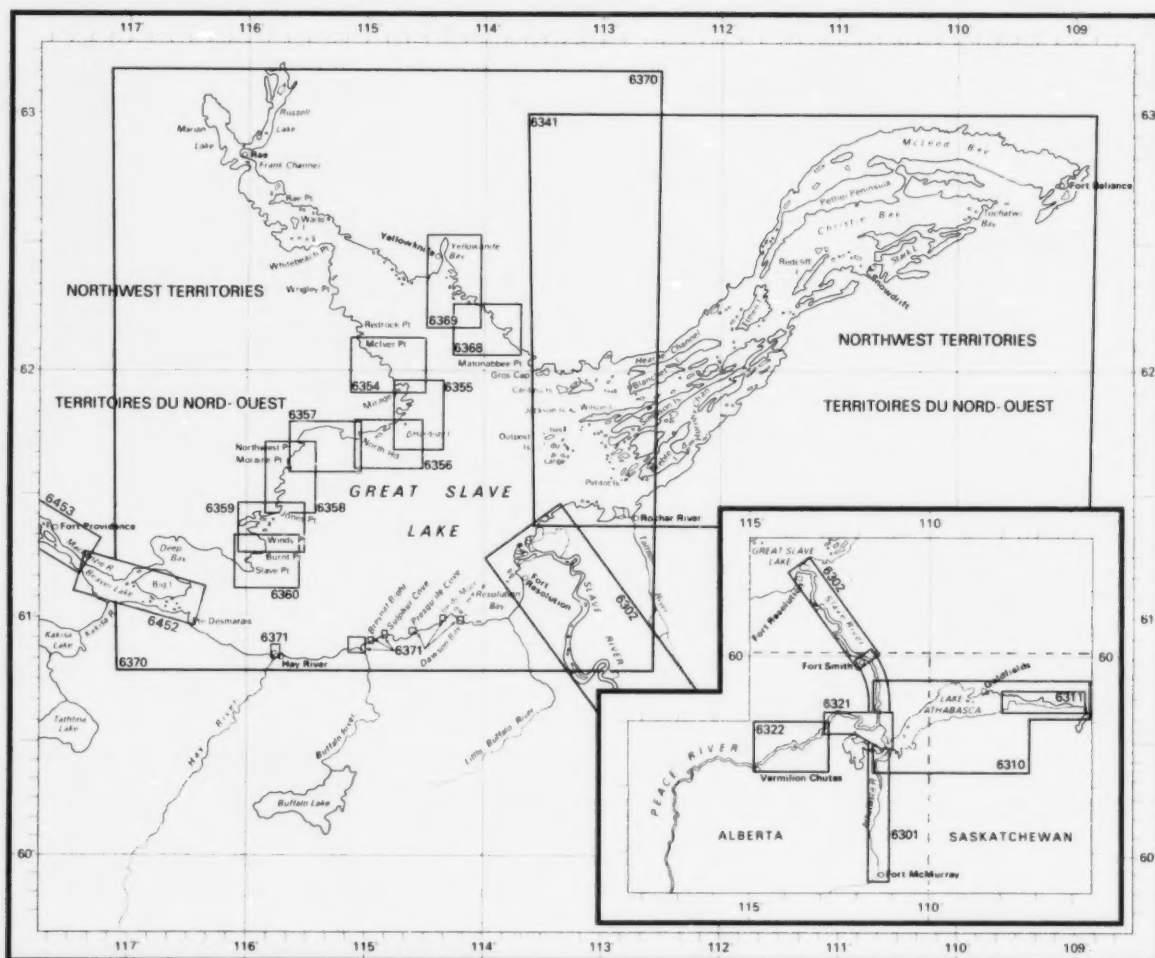
Nautical Publications

Symbols and Abbreviations Used On Canadian Nautical Charts (Chart #1)

Price	Code
\$3.50	959

Tides in Canadian Waters

\$2.00 960



imprimé par la Direction des levés et de la cartographie ministère de l'Énergie, des Mines et des Ressources

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Historical Maps

Historic Maps of Canada

A special series of maps produced by the Department of Energy, Mines and Resources, from various periods in Canada's history. The replicas were made with careful

attention to color and type of paper. The maps trace both the expanding knowledge of the new world and the changing cartographic techniques.

	Map #	Dimensions	Price	Code
America Septentrionalis (1639)	MCR 2300	21 1/2" x 24"	\$3.00	432
Amerique Septentrionale (1695)	MCR 2302	21 1/2" x 24"	\$3.00	432
An Accurate Map of Canada (1761)	MCR 2303	12" x 15 1/4"	\$3.00	432
British North America (1834)	MCR 2304	24" x 19"	\$3.00	432
Le Canada, ou Nouvelle France (1656)	MCR 2305	19" x 24"	\$3.00	432
All five maps can be purchased as a set.	MCR 2301	Various	\$10.00	421

Order By Name and map number: example, British North America MCR2304

Territorial Evolution

A series of maps printed on one sheet, showing the evolution of Canada from the original French settlements to the present-day provinces and territories.

Map # MCR 2306
 Dimensions 76 cm x 71 cm (30" x 24")
 Material Paper (5 Colors)
Price \$3.00 **Code** 432

RCMP Stations - Patrol 1888

Replica of Northwest Mounted Police Patrol system at its fullest development. Shows the western frontier and its period of transition just before the growing tide of settlement that radically changed the appearance of the land.

Map # MCR 2308
 Dimensions 109.5 cm x 77.5 cm (43" x 30.5")
 Material Paper (4 Colors)
Price \$2.50 **Code** 433

Bird's Eye View of Ottawa (1876)

An oblique view of Ottawa in 1876 with extensive details showing public buildings, hotels, factories and churches.

Map # MCR 2307
 Dimensions 70 cm x 55 cm (27.5" x 21.5")
 Material Paper (Monochrome)
Price \$3.00 **Code** 432

Geology Maps

The following maps are produced by the Geological Survey of Canada, Department of Energy, Mines and Resources. They focus on various aspects of Canada's geology.

	Scale	Map #	Price	Code
Principal Mineral Areas of Canada	1" = 120 miles	900A	\$7.50	472
Geological Map of Canada	1:5 000 000	1250A	\$7.50	472
Tectonic Map of Canada	1:5 000 000	1251A	\$7.50	472
Mineral Deposits of Canada	1:5 000 000	1252A	\$7.50	472
Glacial Map of Canada	1:5 000 000	1253A	\$7.50	472
Physiographic Regions of Canada	1:5 000 000	1254A	\$7.50	472

Dimensions 120 cm x 110 cm (except 900A - 92.5 cm x 84 cm)

Material Paper (3-8 Colors)

Order By Scale, name and map number: example, 1:5 000 000 Geological Map of Canada 1250A

Magnetic Charts

Magnetic Charts of Canada

These charts depict the various components of the earth's magnetic field originating in the core, as well as large scale contributions from the earth's crust. Values observed at specific locations may differ from chart values due to

magnetic anomalies too small to depict at this scale, or fluctuations of the earth's magnetic field over the course of a day.

	Scale	Chart #	Price	Code
Gravity Map of Canada	1:5 000 000	GMS 80-1	\$4.00	455
Canada, Magnetic Declination	1:10 000 000	MCR 701	\$3.00	432
Canada, Magnetic Inclination	1:10 000 000	MCR 704	\$3.00	432
Canada, Total Intensity	1:10 000 000	MCR 702	\$3.00	432
Canada, Horizontal Intensity	1:10 000 000	MCR 703	\$3.00	432
Canada, Vertical Intensity	1:10 000 000	MCR 705	\$3.00	432

Scale 1:10 000 000

Dimensions 68 cm x 64 cm

(except GMS 80-1 - 120 cm x 110 cm)

Material Paper (4 Colors)

Order By Scale, name and chart number: example,

1:10 000 000 Magnetic Declination MCR 701

Geophysical Composite Map Series (Aeromagnetic)

The magnetic data on these maps were compiled from information recorded along the flight lines shown. The anomalies expressed by the magnetic contours are dependent on the variable magnetic intensities of the underlying rocks, and may be due to conditions near, or at unknown depths below the surface. High magnetic anomalies normally indicate the presence of basic rocks, such as diabase, gabbro,

or serpentinite, which have a relatively high iron content; but in special instances may be due, or partly due, to concentrations of magnetic minerals. By means of the magnetic anomalies, various rock bodies or structural features, such as faults or folds, may be traced into, or across, areas of few or no outcrops. In many instances, however, no interpretation of particular anomalies may be possible without further geological information.

Available for the following NTS blocks in northeastern Alberta:

73E (in part), 73L, 73M

74D, 74E, 74L, 74M

83H (in part), 83I, 83O (in part), 83P

84A, 84B (in part), 84H, 84I, 84O (in part), 84P

Scale 1:250 000

Dimensions 56.5 cm x 63.5 cm (22" x 25")

Material Paper (Monochrome)

Order By Scale, series and map number: example, 1:250 000

Aeromagnetic 84A

Price \$4.00 **Code** 501

Scale 1:50 000

Dimensions 65 cm x 61 cm (25.5" x 24")

Material Paper (Monochrome)

Order By Scale, series and map number: example, 1:50 000

Aeromagnetic 84A9

Price \$4.00 **Code** 502

Section Three: Aerial Photography

Background Information

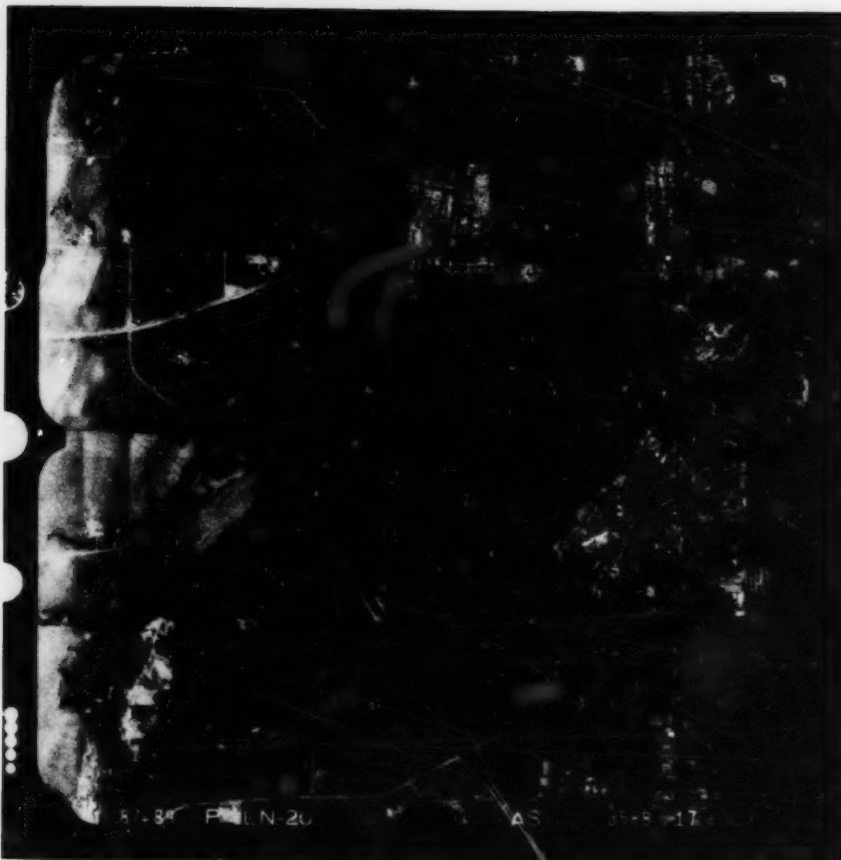
What is an Aerial Photograph?

An aerial photograph is a photograph of a portion of the earth's surface taken with a camera mounted in a conventional aircraft. MAPS ALBERTA makes available all the aerial photographs that have been taken for the provincial government. Most of these photographs are black and white; however, some areas have been photographed in color. Photographs are available in a variety of scales and for various dates. Most areas of the province have been flown several times since 1949.

How Much Area Does an Aerial Photograph Cover?

Individual photographs cover relatively small areas, ranging from one mile by one mile for very large scale photography (1:5 000), to nine miles by nine miles for small scale photography (1:60 000). The amount of area covered by a photograph depends on the scale, as the size of the photograph is constant.

The scale of a photograph, e.g., 1:30 000, like that of a map, is the ratio of distance on the photograph to the corresponding distance on the ground. This simply means that one unit of any measure (inches, cm, etc.) represents 30 000 units of the same measure on the ground. All areas of the province are available at either medium or small scales, while large-scale photographs are available for limited areas.



Actual size 25 cm x 25 cm

Background Information

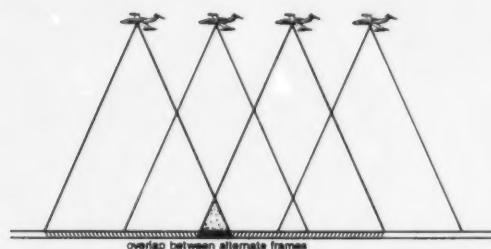
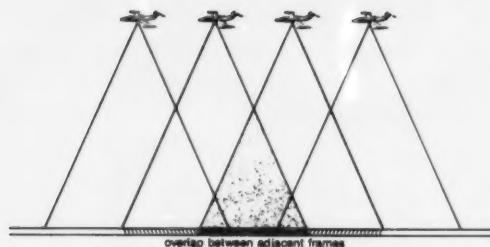
Stereo Coverage or Pictorial Coverage?

Stereo Coverage

Aerial photography is flown so each frame overlaps the previous frame by at least 60 percent. This overlapping area, although of the same portion of ground, has been photographed from two different angles, providing two different perspectives of that portion of ground. When two consecutive photos are used, it is that difference in perspective that allows the viewer to see the image in three dimensions, or **stereo**.

Pictorial Coverage

Generally, stereo pairs are purchased by engineering and resource professionals for mapping and interpretive purposes. The majority of customers are interested in complete - but not necessarily stereo-coverage of an area. As photographs are taken with a 60 percent overlap between consecutive frames, there is still an overlap between alternate frames of approximately 20 percent.



Air Photo Products

Contact Prints

Contact Prints are photographic prints made directly from the aerial photo negative. Contact prints are 25 cm x 25 cm and are printed on stable resin matte paper. Tone matching is available only on a regular order basis and is not done unless specified.

Delivery Options

Regular Order

Orders will be processed within 10 working days.

Price \$3.25 **Code** 001

Service Order

Orders received before 1 p.m. will be processed by 4 p.m. the next working day. Please note that only limited quantities of prints can be handled on the service order.

Price \$4.25 **Code** 002

Laser Prints

Laser prints are made directly from contact prints using a laser copier. Laser prints, in limited quantities, are available on an "as you wait basis". It must be remembered that laser prints are inferior in quality when compared to contact prints and may not be suitable for all applications.

Price \$4.00 **Code** 090

Aerial Photography Project Index

This index lists all projects dating back to 1949 and includes the project name, scale, film type and NTS map sheet reference.

Price \$5.00 **Code** 961

Air Photo Products

Photographic Enlargements

Photographic enlargements are available from any aerial photo or portion thereof, and are printed on stable resin matte paper. Enlargements can be produced up to six times original size and to a maximum of 100 cm x 100 cm. Prices for enlargements are based on paper size and not on enlargement factor. Orders will be processed within 10 working days of the initial request.

Dimensions	Price	Code
25 cm x 25 cm	\$16.00	005
25 cm x 50 cm	\$17.50	006
25 cm x 75 cm	\$18.25	007
25 cm x 100 cm	\$19.25	008
50 cm x 50 cm	\$19.25	009
50 cm x 75 cm	\$22.00	010
50 cm x 100 cm	\$23.75	011
75 cm x 75 cm	\$25.00	013
75 cm x 100 cm	\$27.75	014
100 cm x 100 cm	\$30.50	015

Color Contact Prints

Color contact prints are photographic prints made directly from the aerial photo negative. These prints are 25 cm x 25 cm. There is very limited coverage in both true color (color negative) and color infrared (color positive) photography. Orders will be processed within 10 working days. Enlargements from color contact prints are available as well. Please enquire regarding cost.

	Price	Code
Color Positive	\$7.50	061
Color Negative	\$6.00	062

Diapositives

Film diapositives are 25 cm x 25 cm positive transparencies of contact prints. When ordering, please indicate whether you require emulsion up or down. Diapositives are not guaranteed to be suitable for photogrammetric mapping. Orders will be processed within 10 working days.

Price \$6.00 Code 003

Laser Enlargements

Laser enlargements are available from any aerial photo or portion thereof. Laser enlargements can be produced up to four times original size. There are two types of laser enlargements available.

Enlargements reproduced on a single sheet are referred to as "designated area" enlargements. These are available either on 8 1/2" x 11" or 11" x 17" paper.

The other type of enlargement is referred to as a "multiple page" enlargement. This is used when the enlargement will not fit on a single sheet. The copier reproduces the enlargement on to multiple sheets which then must be pieced together by the client.

Laser enlargements, in limited quantities, are available from the Edmonton office on an "as you wait" basis. It must be remembered that laser enlargements are inferior in quality compared to photographic enlargements and may not be suitable for all applications.

Enlargement	Price	Code
Designated Area	\$8.00	089
Multiple Page	\$4.00/pg	088

Flight Index Maps

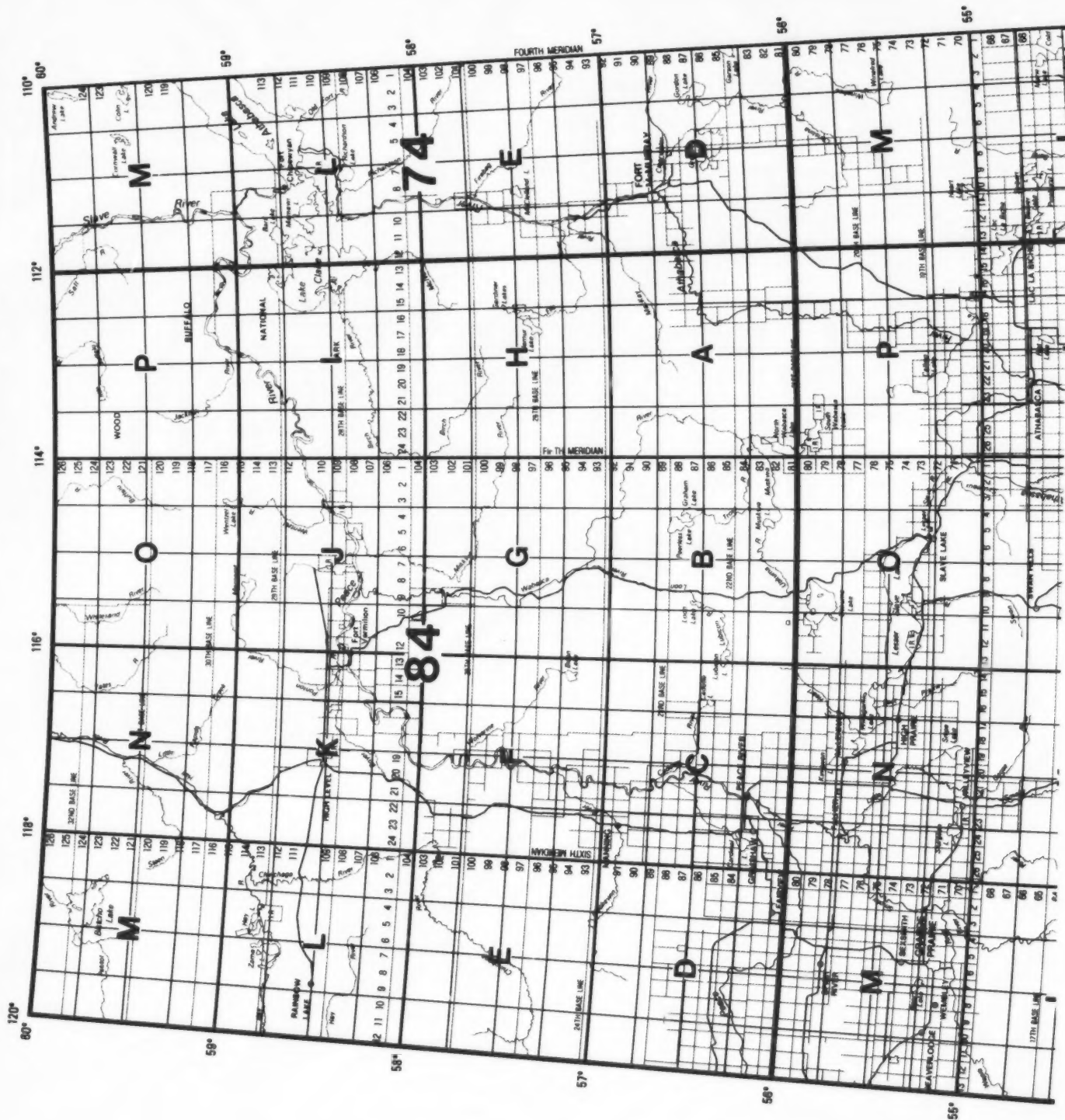
Aerial photo index maps show flight lines and approximate photo centres. Maps are identified by project number. Index maps must be requested with an order. They are not automatically included with each order.

Price \$1.50 Code 029

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NATIONAL
TOPOGRAPHIC SYSTEM